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Warranty Policy: JPW warrants that its products are free from defects in material and workmanship for a period of 12 months from date of purchase. This limited warranty will only cover the original purchaser. JPW's obligation under this warranty is limited to repair or replacement of said item. It is the responsibility of the purchaser/installer to ensure that all items are correct before installation. JPW assumes no liability for errors made in tolerance, component selection or installation. There are no implied warranties of merchantability or fitness for a particular purpose. There is absolutely no warranty on the following: A) Parts used in racing applications. B) Parts that have been physically altered, improperly installed, or maintained. C) Any product used in improper applications, abused or not used in conjunction with the proper parts. JPW will not be responsible for incidental and consequential damages, property damage or personal injury damages to the extent permitted by law.



Hi Performance Rod Bolts



JPW 8740 Rod Bolts	
Part #	Desc.
SPS-CRB1*	Chev 350 3/8"
SPS-CRB2*	Ford 289-302 5/16"

*Set of 16 bolts and nuts.

- Premium 8740 Chrome Moly
- Made by SPS Technologies™
- 200,000+ psi Tensile Strength
- Aerospace Quality!

Chev Distributor Holddown



DH-100

Fits all V8

Chev Oil Filter Adapter



OFA-350

Fits SB & BB Chev. Bolts included. Replacement for GM#3952301. Bypass valve style.

Vacuum Pump Kit



Kit contains 3 vane pump, bracket, drive mandrell, pulley, breather tank and line kit. Kit shown fits SB Chev, other applications available



22640K





Billet Timing Sets

JPW adjustable billet timing sets feature CNC machined billet sprockets, adjustability from -6° to +6°, high quality .250" seamless roller chain, Torrington roller thrust and induction hardened crank sprocket.



JPW billet timing sets feature CNC machined billet sprockets, induction hardened crank sprocket and .250" seamless roller chain. 9 key crank sprocket allows adjustments up to 8°. Torrington thrust available on most applications.



Quick Adjust Billet Timing Sets

Chev

Part #	Description
3100A	SBC w/torrington
3100A-5	SBC w/torrington +.005
3100A-10	SBC w/torrington +.010
3110A	BBC w/torrington

Billet Timing Sets

Chev

Part #	Description
3500T9	SBC w/torrington
3500T9-5	SBC w/torrington +.005
3500T9-10	SBC w/torrington +.010
3510T9	BBC w/torrington
3510T9-5	BBC w/torrington +.005
3510T9-10	BBC w/torrington +.010

Ford

3138T9	SBF 302-351W '89 & up
3535T9	SBF 302-351W '72-88

Mopar

3525T9	BB 383-440 3 bolt w/shim
3503T9	SB 318-360

JPW timing sets 3138T9 & 3535T9 require cam thrust plate modification to clear roller thrust bearing or bronze shim. Thrust plate holes must be countersunk so the screws supplied w/timing set are slightly below the surface of thrust plate.

Performance-Pack Timing Sets

JPW Performance Pack roller timing sets feature induction hardened sprockets with 3 keyway adjustability. Affordable .250" pin chain (full roller chain on Performance Pack Plus).



Performance Pack Plus Timing Sets

Chev

Part #	Description
1100-3	SBC True Roller

Performance Pack Timing Sets

Chev

Part #	Description
3023-3	SBC Dual Row
3024-3	BBC Dual Row

Ford

3054-3	SBF Dual Row
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Mopar

3028-3	SB Mopar Dual Row
--------	-------------------



Aluminum Timing Covers

JPW diecast aluminum timing covers are polished and feature a rigid 1 piece design to eliminate flexing and leaks.



Timing pointers are available in steel or billet aluminum.

Contact **JPW** For your specific application.

Steel Timing Covers

JPW timing cover features a rugged 3 rib design that allows use of a cam button and comes black powder coated.

JPW Steel Timing Cover

Part #	Description
STC-200	SB Chev 55-79
STC-200R	SB Chev unpainted

Aluminum Timing Covers

Part #	Description
ATC-200	SB Chev
ATC-250	BB Chev





Performance-Pack Pushrods

- 4130 Seamless 1-piece
- Die Formed Ends
- Centerless Ground
- Black Oxide Coating

Pushrods are available in custom lengths, in diameters to 9/16" and wall thickness of .187". Cup ends, tapers and pushrod kits also available.

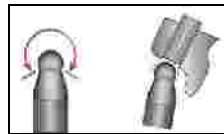


Part #	Length	Tube size & Thickness
PR3-7600	7.600	3/8 X .080
PR3-7750	7.750	3/8 X .080
PR3-7800	7.800	3/8 X .080
PR3-7900	7.900	3/8 X .080
PR3-7950	7.950	3/8 X .080
PR3-8000	8.000	3/8 X .080
PR3-8025	8.025	3/8 X .080
PR3-8050	8.050	3/8 X .080
PR3-8200	8.200	3/8 X .080
PR3-8250	8.250	3/8 X .080
PR3-8280	8.280	3/8 X .080
PR3-8350	8.350	3/8 X .080
PR3-8380	8.380	3/8 X .080
PR3-8400	8.400	3/8 X .080
PR3-8450	8.450	3/8 X .080
PR3-8500	8.500	3/8 X .080
PR3-8550	8.550	3/8 X .080
PR3-8600	8.600	3/8 X .080
PR3-8680	8.680	3/8 X .080
PR3-8780	8.780	3/8 X .080
PR3-8850	8.850	3/8 X .080
PR3-8900	8.900	3/8 X .080
PR3-9200	9.200	3/8 X .080
PR3-9150	9.150	3/8 X .080
PR3-9250	9.250	3/8 X .080
PR3-9350	9.350	3/8 X .080
PR3-9450	9.450	3/8 X .080
PR3-9500	9.500	3/8 X .080

Part #	Length	Tube size & Thickness
PR5-6250	6.250	5/16 X .080
PR5-6700	6.700	5/16 X .080
PR5-6750	6.750	5/16 X .080
PR5-6800	6.800	5/16 X .080
PR5-6850	6.850	5/16 X .080
PR5-6900	6.900	5/16 X .080
PR5-6950	6.950	5/16 X .080
PR5-7050	7.050	5/16 X .080
PR5-7150	7.150	5/16 X .080
PR5-7200	7.200	5/16 X .080
PR5-7300	7.300	5/16 X .080
PR5-7350	7.350	5/16 X .080
PR5-7400	7.400	5/16 X .080
PR5-7450	7.450	5/16 X .080
PR5-7650	7.650	5/16 X .080
PR5-7700	7.700	5/16 X .080
PR5-7750	7.750	5/16 X .080
PR5-7800	7.800	5/16 X .080
PR5-7850	7.850	5/16 X .080
PR5-7900	7.900	5/16 X .080
PR5-7950	7.950	5/16 X .080
PR5-8000	8.000	5/16 X .080
PR5-8050	8.050	5/16 X .080
PR5-8100	8.100	5/16 X .080
PR5-8150	8.150	5/16 X .080
PR5-8250	8.250	5/16 X .080
PR5-8400	8.400	5/16 X .080
PR5-8600	8.600	5/16 X .080
PR5-8650	8.650	5/16 X .080
PR5-8675	8.675	5/16 X .080
PR5-9850	9.850	5/16 X .080

NEW!

210° Radius Ends



- For High Lift Applications
- A Must with Shaft Rockers



All Performance Pack pushrods feature die formed ends.



Part #	Length	Tube size & Thickness
PR3-7900-210	7.900	3/8 X .080-210° END
PR3-7950-210	7.950	3/8 X .080-210° END
PR3-8000-210	8.000	3/8 X .080-210° END
PR3-8050-210	8.050	3/8 X .080-210° END
PR3-8100-210	8.100	3/8 X .080-210° END
PR3-8500-210	8.500	3/8 X .080-210° END
PR3-8550-210	8.550	3/8 X .080-210° END
PR3-8600-210	8.600	3/8 X .080-210° END

Part #	Length	Tube size & Thickness
PR5-7800-210	7.800	5/16 X .080-210° END
PR5-7850-210	7.850	5/16 X .080-210° END
PR5-7900-210	7.900	5/16 X .080-210° END
PR5-7950-210	7.950	5/16 X .080-210° END
PR5-8000-210	8.000	5/16 X .080-210° END
PR5-8050-210	8.050	5/16 X .080-210° END
PR5-8100-210	8.100	5/16 X .080-210° END
PR5-8150-210	8.150	5/16 X .080-210° END



ULTRA FLO Stainless Steel Valves



JPW ULTRA FLO valves feature a 1 piece forging of severe duty alloy material. Valves are swirl polished with hard chrome stems. A special heat treat maintains consistent grain flow for improved ductility and longevity. Features include hardened tip and keeper groove.

ULTRA FLO Stainless Steel Valves

SB Chev

Part #	Type	Head Diameter	Stem Diameter	Install Height	Overall Length
V-1500UF	Exh	1.500	.3415	stock	4.910
V-1501UF	Exh	1.500	.3415	+.100	5.010
V-1600UF	Exh	1.600	.3415	stock	4.910
V-1601UF	Exh	1.600	.3415	+.100	5.010
V-1602UF	Exh	1.600	.3415	+.200	5.130
V-1625UF	Exh	1.625	.3415	stock	4.910
V-1626UF	Exh	1.625	.3415	+.100	5.010
V-1627UF	Exh	1.625	.3415	+.200	5.130
V-1940UF	Int	1.940	.3415	stock	4.910
V-1941UF	Int	1.940	.3415	+.100	5.010
V-2020UF	Int	2.020	.3415	stock	4.910
V-2021UF	Int	2.020	.3415	+.100	5.010
V-2022UF	Int	2.020	.3415	+.200	5.130
V-2055UF	Int	2.055	.3415	stock	4.910
V-2056UF	Int	2.055	.3415	+.100	5.010
V-2057UF	Int	2.055	.3415	+.200	5.130
V-2080UF	Int	2.080	.3415	stock	4.970
V-2081UF	Int	2.080	.3415	+.100	5.030
V-2082UF	Int	2.080	.3415	+.200	5.130
V-2100UF	Int	2.100	.3415	stock	4.940
V-2101UF	Int	2.100	.3415	+.100	5.030
V-2102UF	Int	2.100	.3415	+.200	5.130
V-2126UF	Int	2.125	.3415	+.100	5.030
V-2127UF	Int	2.125	.3415	+.200	5.130

ULTRA FLO Stainless Steel Valves

BB Chev

Part #	Type	Head Diameter	Stem Diameter	Install Height	Overall Length
V-1880UF	Exh	1.880	.3415	stock	5.430
V-1881UF	Exh	1.880	.3415	+.100	5.530
V-1880-3UF	Exh	1.880	.3715	stock	5.430
V-1881-3UF	Exh	1.880	.3715	+.100	5.530
V-1910-3UF	Exh	1.910	.3715	+.100	5.530
V-2191UF	Int	2.190	.3415	+.100	5.530
V-2191-3UF	Int	2.190	.3715	+.100	5.530
V-2192-3UF	Int	2.190	.3715	+.250	5.000
V-2250UF	Int	2.250	.3415	stock	5.430
V-2251UF	Int	2.250	.3415	+.100	5.530
V-2252UF	Int	2.250	.3415	+.250	5.470
V-2302UF	Int	2.300	.3415	+.250	5.500
V-2302-3UF	Int	2.300	.3715	+.250	5.500

Street Pro Pushrods



1010 Steel Alloy
Black Oxide Coating
Guideplate Compatible
Mild Street Performance

Street Pro Pushrods

Part #	Length	Tube size & Thickness
SB Chev		
PR5-7800SP	7.800	5/16 X .065
PR5-7900SP	7.900	5/16 X .065
BB Chev		
PR3-8280SP	8.280	3/8 X .065
PR3-9250SP	9.250	3/8 X .065
SB Ford		
PR5-6905SP	6.905	5/16 X .065
PR5-6825SP	6.825	5/16 X .065
PR5-8176SP	8.176	5/16 X .065

ULTRA FLO Titanium Valves



High quality alloy for reliability
In high rpm situations.

ULTRA FLO Titanium Valves

SB Chev

Part #	Type	Head Diameter	Stem Diameter	Install Height	Overall Length
V-1602T	Exh	1.600	.3415	+.200	5.140
V-1603T	Exh	1.600	.3415	+.300	5.240
V-1627T	Exh	1.625	.3415	+.200	5.140
V-1628T	Exh	1.625	.3415	+.300	5.240
V-2082T	Int	2.080	.3415	+.200	5.140
V-2102T	Int	2.100	.3415	+.200	5.140
V-2103T	Int	2.100	.3415	+.345	5.285
V-2127T	Int	2.125	.3415	+.200	5.140
V-2128T	Int	2.125	.3415	+.300	5.240

ULTRA FLO Titanium Valves

BB Chev

Part #	Type	Head Diameter	Stem Diameter	Install Height	Overall Length
V-1882T	Exh	1.880	.3415	+.200	5.550
V-2303T	Int	2.300	.3415	+.300	5.550



Performance-Pack Stainless Steel Valves



JPW Performance Pack valves feature a 1 piece forging from premium 21-4N alloy. Stems are hard chromed and feature a hardened tip and swirl polished head.

Performance Pack Stainless Steel Valves

SB Chev					
Part #	Type	Head Diameter	Stem Diameter	Install Height	Overall Length
V-1500SS	Exh	1.500	.3415	stock	4.90
V-1501SS	Exh	1.500	.3415	+1.00	5.00
V-1600SS	Exh	1.600	.3415	stock	4.90
V-1601SS	Exh	1.600	.3415	+1.00	5.00
V-1626SS	Exh	1.625	.3415	+1.00	5.01
V-1940SS	Int	1.940	.3415	stock	4.88
V-1941SS	Int	1.940	.3415	+1.00	4.98
V-2020SS	Int	2.020	.3415	stock	4.88
V-2021SS	Int	2.020	.3415	+1.00	4.98
V-2055SS	Int	2.055	.3415	stock	4.91
V-2056SS	Int	2.055	.3415	+1.00	5.02
V-2080SS	Int	2.080	.3415	stock	4.95
V-2081SS	Int	2.080	.3415	+1.00	5.05

Performance Pack Stainless Steel Valves

BB Chev					
Part #	Type	Head Diameter	Stem Diameter	Install Height	Overall Length
V-1725SS	Exh	1.725	.3715	stock	5.35
V-1880SS	Exh	1.880	.3715	stock	5.35
V-1881SS	Exh	1.880	.3715	+1.00	5.45
V-2065SS	Int	2.065	.3715	stock	5.22
V-2190SS	Int	2.190	.3715	stock	5.21
V-2191SS	Int	2.190	.3715	stock	5.35
V-2250SS	Int	2.250	.3715	stock	5.22
V-2300SS	Int	2.300	.3715	stock	5.22



Valve Seals

JPW Teflon® Valve Seals

PART#	DESC
OS-1611T	.341 ID/.500 Guide OD
OS-1711T	.341 ID/.530 Guide OD
OS-1712T	.372 ID/.530 Guide OD

Viton® oil seals from jpw have a spring wiper for superior oil control. Seals feature a low drag pliable surface and are metal clad for positive fit.



*These seals have a reduced OD for use with triple and large double valve springs.

JPW Viton® Hi Temp Seals

PART#	DESC
OS-11500V*	.342ID/.500 Guide OD
OS-11530V*	.342ID/.500 Guide OD
OS-31500V*	.311ID/.500 Guide OD
OS-31530V*	.311ID/.530 Guide OD
OS-108V	.344ID/.502 Guide OD
OS-530V	.342ID/.530 Guide OD
OS-562V	.342ID/.562 Guide OD
OS-375V	.373ID/.530 Guide OD
OS-377V	.373ID/.562 Guide OD
OS-802V	.311ID/.530 Guide OD
OS-805V	.311ID/.500 Guide OD



Performance-Pack Valve Train Components



JPW Rocker Studs

PART#	DESC
RS38-2400	4140 SBC 3/8" 2.400"
RS38-2500	4140 SBC 3/8" 2.500"
RS716-2540	4140 SBC 7/16" 2.540"
RS716-2650	4140 BBC 7/16" 2.650"

JPW Guide Plates

PART#	DESC
GPA200	SBC 5/16" ADJUSTABLE
GPF200	SBC 5/16" FLAT
GPR200	SBC 5/16" RAISED
GPF250	SBC 3/8" FLAT
GPR250	SBC 3/8" RAISED
GPC538	BBC 3/8"
GPC6716	BBC 7/16"
GP302	SB FORD 5/16" FLAT





Performance-Pack Valve Springs

JPW Performance valve springs cover a wide range of pressures and sizes to make it easy to select the correct spring for your application. Springs are made of high quality chrome silicone wire. Part numbers marked in **RED** are wound with the latest Alpha wire material for unsurpassed strength and durability. These springs are also electro polished to remove surface imperfections.
*fits LS1, LT1, LT4, etc.



Alpha 1™ Spring
Electro Polished

Chrome Silicone

Conical Ovate Spring



Performance-Pack Valve Train Components



JPW spring locators are made of hardened 4140 steel. .062" thick.

JPW Spring Cups & Locators

PART#	SPRING OD	CUP OD	CUP ID
VSC-1270	1.25-1.26"	1.360	.570
VSC-1440	1.440"	1.550	.690
VSC-1475	1.46-1.475"	1.580	.640
VSC-1510	1.5-1.51"	1.630	.640
VSC-1565	1.54-1.56"	1.680	.640
VSC-1650	1.625-1.64"	1.750	.640
PART#	SPRING ID	BASE OD	BASE ID
VSL-1535	.740	1.535	.569
VSL-1550	.715	1.550	.569
VSL-1570	.810	1.570	.569
VSL-1620	.740	1.620	.569
VSL-1620A	.740	1.620	.640



JPW valve locks are stamped from premium steel alloy and heat treated for hardness.



Locks marked in **RED** are machined steel

JPW Valve Locks

PART#	DESC
VL-1132	11/32 7° LOCKS HD
VL-1132-M7	11/32 7° LOCKS MACHINED
VL-1132-M10	11/32 10° LOCKS MACHINED
VL-1132+050	11/32 7° LOCKS HD +.050
VL-38	3/8 7° LOCKS HD
VL-38-M7	3/8 7° LOCKS MACHINED
VL-38-M10	3/8 10° LOCKS MACHINED

JPW Performance Valve Springs

PART#	Type	Seat Pressure	Open Pressure	Coil Bind
ROLLER SPRINGS				
VS-621*	1.295 dual	140@1.800	385@1.150	1.100
VS-628	1.540 dual w/damp	190@1.940	450@1.375	1.200
VS-630	1.540 dual w/damp	215@1.900	490@1.300	1.200
VS-640	1.550 dual w/damp	220@2.000	500@1.375	1.200
VS-650	1.550 dual w/damp	235@1.950	590@1.230	1.190
VS-660	1.560 dual w/damp	240@2.000	600@1.250	1.190
VS-680	1.625 dual w/damp	235@2.000	650@1.250	1.150
VS-730	1.630 triple assy	340@2.100	850@1.300	1.210
MECHANICAL SPRINGS				
VS-501	1.260 sing w/damp	130@1.750	340@1.250	1.160
VS-502	1.260 sing w/damp	140@1.750	360@1.200	1.100
VS-505	1.530 sing w/damp	125@1.900	380@1.375	1.200
VS-611	1.440 dual w/damp	135@1.750	320@1.200	1.125
VS-615	1.460 dual w/damp	130@1.850	380@1.250	1.080
VS-620	1.460 dual	160@1.850	430@1.250	1.080
HYDRAULIC SPRINGS				
VS-943	1.250 sing w/damp	110@1.700	300@1.250	1.160
VS-501	1.260 sing w/damp	130@1.750	340@1.250	1.160
VS-506	1.290 single conical	110@1.800	265@1.200	1.050
VS-504	1.430 sing w/damp	110@1.700	300@1.150	1.080
VS-503	1.440 sing w/damp	110@1.750	215@1.250	1.090
VS-500	1.460 sing w/damp	110@1.800	275@1.250	1.150
VS-609	1.460 dual w/damp	125@1.850	320@1.300	1.190

JPW retainers are made from high quality 4140 chromoly steel, heat treated, and black oxide finished. Part numbers marked in **RED** are titanium.



JPW Valve Spring Retainers

PART#	FITS	LOCK	VALVE	A	B	C
RT-100	1.250"	7°	11/32"	1.240	0.852	0.600
RT-100T	1.250"	7°	11/32"	1.240	0.852	0.600
RT-302	1.40-1.44"	7°	ALL	1.400	1.060	0.700
RT-304	1.40-1.44"	7°	3/8"	1.400	1.060	0.695
RT-305	1.50-1.56"	7°	3/8"	1.490	1.120	0.695
RT-307T	1.40-1.44"	10°	ALL	1.400	1.060	0.695
RT-308	1.50-1.56"	10°	ALL	1.490	1.120	0.695
RT-308T	1.50-1.56"	10°	ALL	1.490	1.120	0.695
RT-309T	1.625-1.63"	10°	ALL	1.580	1.174	0.700



Performance-Pack Valve Train Components



JPW valve seats are sintered iron alloy with tungsten carbide and tempered tool steel. These seats are original equipment on many performance aftermarket heads.

JPW Valve Seats

Part #	OD	ID	Taper ID	Depth	Fits these heads:
1650-350	1.6500	1.280		0.350	Dart IE SS
1650-350A	1.6500	1.340		0.350	Dart IE
1650-425	1.6500	1.340		0.425	Dart
2000-377	2.0005	1.602		0.377	Dart
2160-350	2.1600	1.810		0.350	Dart
2160-425	2.1600	1.810		0.425	Dart
2160-350A	2.1600	1.880		0.350	Dart
2160-352	2.1605	1.747		0.352	Dart
2450-377	2.4505	2.000		0.377	Dart, World
2450-375	2.4505	2.090		0.375	Dart
1650-350B	1.6500	1.280	1.500	0.350	World
2000-375	2.0000	1.600	1.870	0.375	World
2062-300	2.0620	1.600		0.300	World
2160-300	2.1600	1.800		0.300	World
2300-375	2.3000	1.800		0.375	World
1551-320	1.5510	1.180	1.450	0.320	RHS
1656-375	1.6560	1.350	1.626	0.375	RHS
1656-375A	1.6565	1.246	1.546	0.375	RHS
1673-394	1.6732	1.338		0.394	RHS
1804-375	1.8045	1.375	1.610	0.375	RHS
2006-375	2.0060	1.625		0.375	RHS
2006-375A	2.0065	1.600	1.878	0.375	RHS
2380-375	2.3800	1.900	2.242	0.375	RHS
2400-375	2.4000	1.900	2.242	0.375	RHS
1600-400	1.6000	1.345	1.500	0.400	Edelbrock
1650-400	1.6500	1.390	1.489	0.400	Edelbrock
1650-375	1.6500	1.400	1.566	0.375	Edelbrock
2000-400	2.0000	1.745	1.844	0.400	Edelbrock
2100-400	2.1000	1.815	1.914	0.400	Edelbrock
2200-312	2.2000	1.720	1.863	0.312	Edelbrock
2200-312A	2.2000	1.830	1.983	0.312	Edelbrock
1696-305	1.6960	1.350	1.580	0.305	AFR
2131-375	2.1310	1.680		0.375	AFR
2200-375	2.2000	1.750	2.000	0.375	AFR
2450-375A	2.4500	2.000		0.375	AFR

Performance-Pack Stud Girdles



JPW stud girdles are a 1 piece design machined from 6061 bar stock, anodized and contain all needed fasteners.

JPW Stud Girdles

SG100038	SB Chev 1 piece 3/8" polylock
SG1000716	SB Chev 1 piece 7/16" polylock
SGB1000716	BB Chev 1 piece 7/16" polylock
SGF100038	SB Ford 1 piece 3/8" polylock
SGF1000716	SB Ford 1 piece 7/16" polylock



JPW valve guides are manufactured in USA of a high grade manganese bronze material. They are made to fit a variety of applications.

*These guides are flange type.

JPW Bronze Valve Guides

Part #	ID	OD	Length	Seal
VG502-516*	0.308	0.502	2.250	0.530
VG439-516*	0.309	0.439	2.750	0.530
VG625-516*	0.309	0.625	2.420	0.530
VG500-516	0.310	0.500	2.100	0.500
VG502-516A*	0.310	0.502	2.250	0.530
VG545-516*	0.310	0.545	2.250	0.531
VG625-516A	0.310	0.625	2.427	
VG620-516	0.311	0.620	2.562	
VG439-516A	0.311	0.439	3.000	
VG625-516B	0.311	0.625	2.427	
VG502-516B	0.312	0.502	2.375	0.502
VG502-1132	0.335	0.502	2.250	0.500
VG502-1132A*	0.341	0.502	1.920	0.530
VG502-1132B*	0.341	0.502	2.500	0.530
VG502-1132C*	0.341	0.502	3.050	0.530
VG502-1132D*	0.342	0.502	2.125	0.530
VG502-1132E*	0.342	0.502	2.375	0.530
VG545-1132*	0.342	0.545	2.010	0.530
VG545-1132A*	0.342	0.545	2.425	0.530
VG502-1132F	0.343	0.502	2.375	
VG502-1132G*	0.343	0.502	2.125	0.530
VG558-1132	0.343	0.558	2.270	0.558
VG545-38*	0.371	0.545	2.425	0.530
VG502-38	0.372	0.502	2.375	
VG620-38	0.373	0.620	2.562	0.530



JPW cast iron guides are made in the USA of premium alloys. Many more sizes available.

JPW Cast Iron Valve Guides

Part #	ID	OD	Length
140-7715	0.343	0.502	2.125
140-7459	0.343	0.502	2.375
140-7946	0.343	0.502	2.500
140-6106	0.343	0.502	2.750
140-7298	0.373	0.502	2.375
140-7964	0.373	0.502	2.625



Performance-Pack Valve Train Kits



Our quality **JPW** performance valve train kits give you all the components you need to completely assemble a bare cylinder head. All kits have chromoly steel retainers and master kits feature posi-teflon or posi-viton oil seals. Kits for .600" lift & higher feature +.100" valves. Kits for .630" lift & higher feature **ULTRA FLO** valves. Components have been matched for your particular application. Upgrades and custom kits are available.

SMALL BLOCK CHEV

** Items included in 'M' kits only!*

Hydraulic .500" lift

HK-SBC500	
HK-SBC500-M	
8	1.940" SS Valves
8	1.500" SS Valves
16	Valve Springs (single) 110#@1.700"
16	1.250" Moly Retainers
32	7° HD Keepers
*8	5/16" Guide Plates
*16	3/8" Screw In Studs
*16	Teflon Oil Seals

Hyd/Mech .550" lift

HK-SBC550	
HK-SBC550-M	
8	2.02"/2.055 SS Valves
8	1.600" SS Valves
16	Valve Springs (single) 130#@1.750"
16	1.250" Moly Retainers
32	7° HD Keepers
*8	5/16" Guide Plates
*16	3/8" Screw In Studs
*16	Teflon Oil Seals

Mechanical .600" lift

HK-SBC600	
HK-SBC600-M	
8	2.02"/2.05" SS Valves
8	1.6"/1.625" SS Valves
16	Valve Springs (dual) 160#@1.800"
16	1.460" Moly Retainers
32	7° HD Keepers
*8	5/16" Guide Plates
*16	7/16" Screw In Studs
*16	Teflon Oil Seals

Mech/Roller .630" lift

HK-SBC630	
HK-SBC630-M	
8	2.02"/2.05"/2.08" Valves
8	1.6"/1.625" SS Valves
16	Valve Springs (dual) 160#@1.900"
16	1.500" Moly Retainers
32	7° HD Keepers
*8	5/16" Guide Plates
*16	7/16" Screw In Studs
*16	Teflon Oil Seals

Solid Roller .700" lift

HK-SBC700	
HK-SBC700-M	
8	2.02"/2.05"/2.08" Valves
8	1.6"/1.625" SS Valves
16	Valve Springs (dual) 190#@1.900"
16	1.500" Moly Retainers
32	10° HD Keepers
*8	5/16" Guide Plates
*16	7/16" Screw In Studs
*16	Teflon Oil Seals

Solid Roller .730" lift

HK-SBC730	
HK-SBC730-M	
8	2.02"/2.05"/2.08" Valves
8	1.6"/1.625" SS Valves
16	Valve Springs (dual) 225#@1.950"
16	1.500" Moly Retainers
32	10° HD Keepers
*8	5/16" Guide Plates
*16	7/16" Screw In Studs
*16	Teflon Oil Seals

BIG BLOCK CHEV

***Use longer studs in alum. heads*

Hydraulic .600" lift

HK-BBC600	
HK-BBC600-M	
8	2.19" SS Valves
8	1.88" SS Valves
16	Valve Springs (dual) 135#@1.800"
16	1.460" Moly Retainers
32	7° HD Keepers
*8	3/8" Guide Plates
*16	7/16" Screw In Studs**
*16	Posi Viton Oil Seals

Mechanical .650" lift

HK-BBC650	
HK-BBC650-M	
8	2.19" SS Valves
8	1.88" SS Valves
16	Valve Springs (dual) 160#@1.900"
16	1.460" Moly Retainers
32	7° HD Keepers
*8	3/8" Guide Plates
*16	7/16" Screw In Studs**
*16	Posi Viton Oil Seals

Solid Roller .750" lift

HK-BBC750	
HK-BBC750-M	
8	2.25"/2.30" +.250" Valves
8	1.88 +.100" SS Valves
16	Valve Springs (dual) 235#@2.000"
16	1.625" Moly Retainers
32	10° HD Keepers
*8	3/8" Guide Plates
*16	7/16" Screw In Studs**
*16	Posi Viton Oil Seals

SMALL BLOCK FORD

Hydraulic .500" lift

HK-SBF500	
HK-SBF500-M	
8	1.940" SS Valves
8	1.500" SS Valves
16	Valve Springs (single) 110#@1.700"
16	1.250" Moly Retainers
32	7° HD Keepers
*8	5/16" Guide Plates
*16	3/8" Screw In Studs
*16	Teflon Oil Seals

Hyd/Mech .550" lift

HK-SBF550	
HK-SBF550-M	
8	2.02"/2.055 SS Valves
8	1.600" SS Valves
16	Valve Springs (single) 130#@1.750"
16	1.250" Moly Retainers
32	7° HD Keepers
*8	5/16" Guide Plates
*16	3/8" Screw In Studs
*16	Teflon Oil Seals

Mech/Roller .630" lift

HK-SBF630	
HK-SBF630-M	
8	2.02"/2.05"/2.08" Valves
8	1.6"/1.625" SS Valves
16	Valve Springs (dual) 160#@1.900"
16	1.500" Moly Retainers
32	7° HD Keepers
*8	5/16" Guide Plates
*16	7/16" Screw In Studs
*16	Teflon Oil Seals



PERFORMAX



Aluminum Cylinder Heads

- High Grade Aluminum
- Bronze Valve Guides
- Hardened Multi-angle Seats
- Machined for Large Valve Springs
- Tall Intake Ports for Greater Flow

Part#	Description	Chamber	Int. Port	Notes
PC-3002S*	SBC 2.02" X 1.60"	64cc	190cc	S/Plug
PC-3002A*	SBC 2.02" X 1.60"	64cc	190cc	A/Plug
PC-3011*	Vortec 2.02" x 1.60"	64cc	190cc	A/Plug
PC-3021	BBC 2. 25" x 1.88"	115cc	320cc	
PC-3037	SBF 2.02" x 1.60"	60cc	190cc	
PC-3038	SBF 2.02" x 1.60"	60cc	210cc	



PERFORMAX heads are available in a package with the Performance-Pack valve train kit of your choice.

* You can now order the above listed small block Chev heads as a kit with these part numbers:

- HK-SBC550-IE WITH .550" LIFT VALVE TRAIN KIT
- HK-SBC600-IE WITH .600" LIFT VALVE TRAIN KIT
- HK-SBC630-IE WITH .630" LIFT VALVE TRAIN KIT



Cylinder Head Packages

Performance Pack Valve Train kits are available as a package with the following heads:

- Dart Iron Eagle SS 165cc **HK-SBC500SS**
- Dart Iron Eagle SS 165cc **HK-SBC550SS**

- A**
Dart Iron Eagle 180-230cc **HK-SBC550-IE**
- Dart Pro 1 aluminum all **HK-SBC600-IE**
- RHS 23° Lightning all **HK-SBC630-**

Select any cylinder head from **Group A** and any **JPW** Valve Train Kit from **Group B**.

Contact your **JPW** phone salesperson for pricing details. As always, customizing



PERFORMAX

SUPER SPORT

JPW SUPER SPORT heads feature precision cast ports and chambers combined with extra thick deck surfaces for outstanding reliability at a modest cost. Heads have 3 angle intake and hardened radius exhaust seats, integral guides, bosses threaded for rocker studs & machined valve cover rails. End pads are machined to accept stock accessory brackets.

23° Cast Iron



Part#	Description	Cham.	Int. Port	Notes
1070	SBC 1.94" X 1.50"	72cc	165cc	55-86 std. intake face
1010	SBC 2.02" x 1.60"	72cc	165cc	55-86 std. intake face
4266	SBC 2.02" x 1.60"	67cc	165cc	55-86 self-align rocker
4365	SBC 1.94" X 1.50"	67cc	165cc	87-95 late intake face
4370	SBC 1.94" X 1.50"	67cc	165cc	96-99 Vortec face



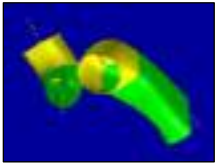


PERFORMAX CNC



Aluminum CNC Ported Cylinder Heads

CNC Ported Runner



Actual Mastercam® 3D profile of Performax head.

JPW is now able to offer fully CNC ported heads to you! Our heads are ported by an industry leader. They feature up to date wet flow technology, use the latest Mastercam® profiling software and are machined on dedicated 5 axis machinery.

SB Chev 23° Aluminum Heads

Part#	Description	Chamber	Int. Port	Notes
KTH-1000	2.02" X 1.60"	72cc*	218cc	A/Plug
KTH-1100	2.08" X 1.60"	72cc*	228cc	A/Plug
KTH-2975	Victor Jr. CNC ported intake manifold			
SS4150-1	HVH 1" tall Super Sucker spacer			
	*can be machined to 64cc			

Flow Rates

Air Speed: 370-360 ft/sec

LIFT	INT		EXH
	2.08	2.02	1.60
.200	150	153	121
.300	206	205	173
.400	250	252	202
.500	292	284	221
.600	308	290	228
.700	309	292	230



Edelbrock

- KTH-KIT1** Bare CNC head castings w/Fel Pro intake gaskets
- KTH-KIT2** KTH-KIT1+Victor Jr. CNC port matched to heads
- KTH-KIT3** KTH-KIT2 + 1" HVH Super Sucker & base gasket

a **Performance-Pack** Valve Train Kit from page 8 make a complete top end package!

Flow rates achieved with KTH-1100 head using V2080UF intake and V1600UF exhaust @28" vacuum on 4.030 bore



CNC Cylinder Head Packages



Part#	Description	Chamber	Int. Port	Notes
KDT-1000	SBC 2.08" X 1.60"	64cc	227cc	23° AP-std. valve spacing
KDT-2000	BBC 2.30" X 1.88"	119cc	335cc	2° rolled angle-std valve spacing
KDT-2100	BBC 2.30" X 1.88"	119cc	355cc	2° rolled angle-std valve spacing
KDT-1001	SBC Dart CNC ported intake manifold		4150 series carb	
KDT-1002	SBC Dart CNC ported intake manifold		4500 series carb	
KDT-2001	BBC Dart CNC ported intake manifold		4150 series carb	
KDT-2002	BBC Dart CNC ported intake manifold		4500 series carb	
SS4150-1	HVH 1" tall Super Sucker Spacer		4150 series carb	
SS4500-1	HVH 1" tall Super Sucker Spacer		4500 series carb	



Dart Pro 1 SB Chev CNC Head Package:

- DART-KIT1** Bare Pro 1 CNC castings w/Fel Pro intake gaskets
- DART-KIT2** DART-KIT1+Dart manifold CNC port matched to heads*
- DART-KIT3** DART-KIT2+1" HVH Super Sucker & base gasket*
*specify 4150 or 4500 series carb

Dart Pro 1 BB Chev CNC Head Package:

- DART-KIT21** Bare Pro 1 335cc CNC castings w/Fel Pro intake gaskets
- DART-KIT22** DART-KIT21+Dart manifold CNC port matched to heads*
- DART-KIT23** DART-KIT22+1" HVH Super Sucker & base gasket*

- DART-KIT24** Bare Pro 1 355cc CNC castings w/Fel Pro intake gaskets
- DART-KIT25** DART-KIT24+Dart manifold CNC port matched to heads*
- DART-KIT26** DART-KIT25+1" HVH Super Sucker & base gasket*
*specify 4150 or 4500 series carb

Flow Rates

Lift	KDT-1000		KDT-2000		KDT-2100	
	In	Ex	In	Ex	In	Ex
.200	158	117	174	136	177	136
.300	209	149	245	178	251	178
.400	257	182	306	235	310	235
.500	293	211	353	265	360	265
.600	302	220	383	282	399	282
.700	309	226	401	296	423	296
.800	314	232	406	303	426	303

@28" using Ultra Flo valves



JPW PERFORMANCE COATINGS



1 MOS2 Teflon Skirt Coating

Prevents piston skirt scuffing & galling. Used pieces can be processed with extra build up.

2 Thermal Barrier Coating

Hi temp reflective/insulating properties. Ideal for piston domes, rings, ring lands, valve faces, intake manifolds

B-3 Engine Bearing Coating

Molydisulfide/Teflon® material with high load/non-stick properties

4 Lubricating Coating

Hi pressure pigments, including MOS2, oil retaining, increases wear life & load capacity in valve springs, valve stems, timing gears, oil pump gears

5 Oil Shedding Coating

Oil shedding thermal barrier used on crank counterweights, rods, inside oil pans & valve covers

6 Anti-Friction Coating

Fluorinated polymers have low friction and are chemically inert. Perfect for Alcohol/methanol engines. Use on piston skirts, bearings, valve springs

Reduce Wear & Increase Power!



Call your **JPW** phone salesperson for details and pricing for your items to be coated. Order a set of new pistons from **JPW** and have us coat them and ship straight to you.



Performance-Pack Balancer & Flexplate Package

These packages include a degreed nodular iron balancer and flexplate for your specific application. Perfect for finishing off a budget stroker or a street performance engine build. (non S.F.I.)



SFI 29.1 Flexplates

- .030" Thicker Than OE
- Heat Treated Ring
- Double Welded
- Zinc Plated
- Hi Tensile Steel



SFI 29.1 flexplates available for other applications. Call your **JPW** phone salesperson for details.

JPW Balancer & Flexplate Package

Part #	Description
80000K	SB Chev 350 Int Balance
80003K	SB Chev 383 Ext Balance
80005K	BB Chev 454 Ext Balance
80006K	SB Ford 28oz.
80007K	SB Ford 50oz.

JPWFLEXPLATES

S.F.I. 29.1

Chev Internally Balanced

Part #	Description	O.D. Size
FP031	168 tooth SB/BB	14.23"
FP131	153 tooth SB	12.85"

Chev Externally Balanced

FP041	168 tooth 400 SB Chev	14.23"
FP081	168 tooth 1 pc. seal	14.23"
FP051	168 tooth BB 454	14.23"
FP151	168 tooth BB Gen 5 & 6	14.23"

Ford Small Block

FP302E	164 tooth 28oz. w/weight	14.23"
FP302SR	157 tooth 28oz. w/weight	13.30"
FP302L	164 tooth 50oz. w/weight	14.23"
FP302SRHO	157 tooth 50oz. w/weight	13.30"

Ford 460

FP460	164 tooth w/weight	14.23"
FP460A	164 tooth wo/weight	14.23"



COATED RACE BEARINGS

The full lines of Clevite 77® and ACL® bearings are available at **JPW**



Clevite H-Series Coated Rod Bearings

Part #	Description
CB-663HC	Chev V8 350-400 std.
CB-663HC-1	Chev V8 350-400 -.001"
CB-663HC-10	Chev V8 350-400 -.010"
CB-663HC-20	Chev V8 350-400 -.020"
CB-663HDC	Chev V8 350-400 dowel
CB-663HDC-1	Chev V8 350-400 dowel -.001"
CB-663HDC-10	Chev V8 350-400 dowel -.010"
CB-663HXC	Chev V8 350-400 +.001"
CB-743HC	Chev V8 396-454 std.
CB-743HC-1	Chev V8 396-454 -.001"
CB-743HC-10	Chev V8 396-454 -.010"
CB-743HC-20	Chev V8 396-454 -.020"
CB-743HXC	Chev V8 396-454 +.001"
CB-745HC	Chev V8 283-327 Small Journ.
CB-745HC-1	Chev V8 283-327 SJ -.001"
CB-745HC-10	Chev V8 283-327 SJ -.010"
CB-745HDC	Chev V8 283-327 SJ dowel
CB-745HXC	Chev V8 283-327 SJ +.001"



Clevite H-Series Coated Main Bearings

Part #	Description
MS-829HC	Chev V8 396-454 std.
MS-829HC-1	Chev V8 396-454 -.001"
MS-829HC-10	Chev V8 396-454 -.010"
MS-829HC-20	Chev V8 396-454 -.020"
MS-829HXC	Chev V8 396-454 +.001"
MS-909HC	Chev V8 350 std.
MS-909HC-1	Chev V8 350 -.001"
MS-909HC-10	Chev V8 350 -.010"
MS-909HC-20	Chev V8 350 -.020"
MS-909HXC	Chev V8 350 +.001"
MS-1038HC	Chev V8 400 std.
MS-1038HC-1	Chev V8 400 -.001"
MS-1038HC-10	Chev V8 400 -.010"
MS-1038HGC	Chev V8 400 full groove std.
MS-2199HC	Chev Gen III, LS1 std.
MS-2199HXC	Chev Gen III, LS1 +.001"

Dura-Bond Coated Cam Bearings

Part #	Description
CHP-8T	Chev Small Block post '64
CHP-4T	Chev Small Block pre '64
CHP-10T	GM Gen III, LS1
GMP-8T	GM Bowtie Small Block



ACL Race Series Coated Rod Bearings

Part #	Description
1B-663HC	Chev V8 350-400 std.
1B-663HC-1	Chev V8 350-400 -.001"
1B-663HC-10	Chev V8 350-400 -.010"
1B-663HC-20	Chev V8 350-400 -.020"
1B-663HXC	Chev V8 350-400 +.001"
1B-743HC	Chev V8 396-454 std.
1B-743HC-1	Chev V8 396-454 -.001"
1B-743HC-10	Chev V8 396-454 -.010"
1B-743HC-20	Chev V8 396-454 -.020"
1B-743HXC	Chev V8 396-454 +.001"
1B-745HC	Chev V8 283-327 Small Journ.
1B-745HC-1	Chev V8 283-327 SJ -.001"
1B-745HC-10	Chev V8 283-327 SJ -.010"
1B-745HXC	Chev V8 283-327 SJ +.001"
1B-1663HC	Chev V8 350-400 'Honda' Journ.
1B-1663HC-1	Chev V8 350-400 'Honda' -.001"
1B-1663HXC	Chev V8 350-400 'Honda' +.001"



ACL Race Series Coated Main Bearings

Part #	Description
5M-429HC	Chev V8 283-327 Small Jrn.. std.
5M-429HC-1	Chev V8 283-327 SJ -.001"
5M-429HXC	Chev V8 283-327 SJ +.001"
5M-829HC	Chev V8 396-454 std.
5M-829HC-1	Chev V8 396-454 -.001"
5M-829HC-10	Chev V8 396-454 -.010"
5M-829HC-20	Chev V8 396-454 -.020"
5M-829HXC	Chev V8 396-454 +.001"
5M-909HC	Chev V8 350 std.
5M-909HC-1	Chev V8 350 -.001"
5M-909HC-10	Chev V8 350 -.010"
5M-909HC-20	Chev V8 350 -.020"
5M-909HXC	Chev V8 350 +.001"
5M-1038HC	Chev V8 400 std.
5M-1038HC-1	Chev V8 400 -.001"
5M-1038HC-10	Chev V8 400 -.010"
5M-1038HXC	Chev V8 400 +.001"

The full line of Dura-Bond® cam bearings is available at **JPW**

Part #	Description
GMP-55T	GM HP Block w/55mm journal
GMP-1T	GM 'Rocket Block'
CHP-12T	Chev Big Block
GMP-12T	Chev Bowtie Big Block
DT-1T	Dart Small Block

JPW POWER MODULES

All the components you need to build a motor! Just add your block, heads, crank & rods*. For strokers we supply the crank!

718-355JPW

SB Chev 350 Flat Top

718-454JPW

BB Chev 454 Flat Top

735-347JPW

SB Ford 347 Flat Top

Part #	Description
H345NCP	Coated Hyper Pistons
2M139	Hastings Moly Rings
CB663P	Clevite Rod Bearings
MS909P	Clevite Main Set
M55HV	Melling HV Oil Pump
7100	Complete Gasket Set
229-1988	Performance Cam 214/224° .445/.465" 112°
J817	Hydraulic Lifters
CH8	Dura-Bond Cam Bearings
40201	Dual Row Timing 3 Key
PE100BR	Brass Expansion Plugs
V943	Valve Springs 1.250" od 110#@1.700 300#@1.250
RT100	Chromoly Retainers
VL1132	7° Hardened Valve Locks

Part #	Description
H625CP	Coated Hyper Pistons
2M683	Hastings Moly Rings
CB743P	Clevite Rod Bearings
MS829P	Clevite Main Set
M77HV	Melling HV Oil Pump
7106	Complete Gasket Set
CS1170R	Performance Cam 218° .520" 110°
J817	Hydraulic Lifters
CH12	Dura-Bond Cam Bearings
40205	Dual Row Timing 3 Key
PE102BR	Brass Expansion Plugs
VS500	Valve Springs 1.460" od 110#@1.800 275#@1.250
RT302	Chromoly Retainers
VL1132	7° Hardened Valve Locks

Part #	Description
KB246	Keith Black Hyper Piston
CR3690	Total Seal Moly Rings
CB634P	Clevite Rod Bearings
MS590P	Clevite Main Set
M68HV	Melling HV Oil Pump
7124	Complete Gasket Set
229-2058	Performance Cam 218° .488" 110°
J900	Hydraulic Lifters
F18	Dura-Bond Cam Brng.
40206	Dual Row Timing 3 Key
PE108BR	Brass Expansion Plugs
VS500	Valve Springs 1.460" od 110#@1.800 275#@1.250
RT302	Chromoly Retainers
VL1132	7° Hardened Valve Locks
SIR5400CB	Eagle Forged Rods
103023400	Eagle 3.400 Crankshaft

***Valves available separately.**

718-383JPW

SB Chev 383 Flat Top

718-489JPW

BB Chev 489 Flat Top

735-393JPW

351W Ford 393 Flat Top

Part #	Description
9906HC	KB Claimer Piston
2M139	Hastings Moly Rings
CB663P	Clevite Rod Bearings
MS909P	Clevite Main Set
M55HV	Melling HV Oil Pump
7100	Complete Gasket Set
CS1171R	Performance Cam 224/234° .465/.488" 114°
J817	Hydraulic Lifters
CH8	Dura-Bond Cam Bearings
40201	Dual Row Timing 3 Key
PE100BR	Brass Expansion Plugs
V943	Valve Springs 1.250" od 110#@1.700 300#@1.250
RT100	Chromoly Retainers
VL1132	7° Hardened Valve Locks
103503750	Eagle 3.75" Stroke Crank

Part #	Description
KB224	Keith Black Hyper Piston
CR9190	Total Seal Moly Rings
CB734P	Clevite Rod Bearings
MS829P	Clevite Main Set
M77HV	Melling HV Oil Pump
7106	Complete Gasket Set
CS1140R	Performance Cam 234/244° .553/.578" 112°
J817	Hydraulic Lifters
CH12	Dura-Bond Cam Bearings
40205	Dual Row Timing 3 Key
PE102BR	Brass Expansion Plugs
VS500	Valve Springs 1.460" od 110#@1.800 275#@1.250
RT302	Chromoly Retainers
VL1132	7° Hardened Valve Locks
104544250	Eagle 4.250 Crankshaft

Part #	Description
KB115	Keith Black Hyper Piston
2M139	Hastings Moly Rings
CB831P	Clevite Rod Bearings
MS981P	Clevite Main Set
M83HV	Melling HV Oil Pump
7124	Complete Gasket Set
CS1141R	Performance Cam 224/234° .496/.520" 110°
J900	Hydraulic Lifters
F18	Dura-Bond Cam Brng.
40206	Dual Row Timing 3 Key
PE108BR	Brass Expansion Plugs
VS500	Valve Springs 1.460" od 110#@1.800 275#@1.250
RT302	Chromoly Retainers
VL1132	7° Hardened Valve Locks
103513850	Eagle 3.850 Crankshaft



JPW "POWER RATED" ENGINE KITS

Horsepower rated combinations that work! Just like our regular engine kits, these kits feature brand name components that work right out of the box! If a ready built kit doesn't fit your needs-let us custom build a kit to your specs. Choose from many top performance brands and save money!



SB Chev 350-315horsepower #718-350-8

H345NP	Speed Pro Pistons
2M139	Hastings Moly Rings
CB663P	Clevite Rod Bearings
MS909P	Clevite Main Bearings
CH-8	Durabond Cam Brng.
260-1000	Fel Pro Gaskets
MTC1	Melling HP Cam
204/214°	.420/.433 107°
J817	Melling Lifters
M55HV	Melling Hi Vol. Pump
C3023X	Cloyes 3 Key Roller Set
PE100BR	Brass Expansion Plugs

SB Chev 350-350horsepower #718-350B-8

8KL2256F	Powerforged Piston & Ring Set
CB663P	Clevite Rod Bearings
MS909P	Clevite Main Bearings
CH-8	Durabond Cam Brng.
260-1000	Fel Pro Gaskets
CS1138R	Speed Pro Cam
224/224°	.465/.465 112°
J817	Melling Lifters
M55HV	Melling Hi Vol. Pump
C3023X	Cloyes 3 Key Roller Set
PE100BR	Brass Expansion Plugs

SB Chev 383-385horsepower #718-383-8

H859CP	Speed Pro Pistons
2M139	Hastings Moly Rings
CB663P	Clevite Rod Bearings
MS909P	Clevite Main Bearings
CH-8	Durabond Cam Brng.
260-1000	Fel Pro Gaskets
22203	Melling HP Cam
214/224°	.443/.475 110°
J817	Melling Lifters
M55HV	Melling Hi Vol. Pump
C3023X	Cloyes 3 Key Roller Set
PE100BR	Brass Expansion Plugs

SB Chev 383-425horsepower #718-383B-8

H860CP	Speed Pro Pistons
CR9090	Total Seal Rings
CB663P	Clevite Rod Bearings
MS909P	Clevite Main Bearings
CH-8	Durabond Cam Brng.
260-1000	Fel Pro Gaskets
12-242-2	Comp Xtreme Energy Cam
224/230°	.477/.480 110°
J817	Melling Lifters
M55HV	Melling Hi Vol. Pump
C3023X	Cloyes 3 Key Roller Set
PE100BR	Brass Expansion Plugs

BB Chev 454-415horsepower #718-454-8

KB202	KB Hyper Pistons
2M683	Hastings Moly Rings
CB743	Clevite Rod Bearings
MS829	Clevite Main Bearings
CH-12	Durabond Cam Brng.
260-1009	Fel Pro Gaskets
CS1005R	Speed Pro Cam
208/208°	.476/.476 111°
J817	Melling Lifters
M77HV	Melling Hi Vol. Pump
C3024X	Cloyes 3 Key Roller Set
PE102BR	Brass Expansion Plugs

BB Chev 454-450horsepower #718-454A-8

L2399F	FM Forged Pistons
CR2090	Total Seal Rings
CB743P	Clevite Rod Bearings
MS829P	Clevite Main Bearings
CH-12	Durabond Cam Brng.
260-1009	Fel Pro Gaskets
22296	Melling HP Cam
222/235°	.500/.505 110°
J817	Melling Lifters
M55HV	Melling Hi Vol. Pump
C3023X	Cloyes 3 Key Roller Set
PE100BR	Brass Expansion Plugs

SB Ford 302-300horsepower #735-302B-8

8KL2482F	Powerforged Piston & Ring Set
CB634P	Clevite Rod Bearings
MS590P	Clevite Main Bearings
F-18	Durabond Cam Brng.
260-1125	Fel Pro Gaskets
CS1064R	Speed Pro Cam
218/230°	.458/.483 110°
J900	Melling Lifters
M68HV	Melling Hi Vol. Pump
40206	Melling Roller Timing
PE108BR	Brass Expansion Plugs

SB Ford 302-300horsepower #735-302B-8

KB303	KB Hyper Pistons
CR9090	Total Seal Rings
CB831P	Clevite Rod Bearings
MS1432P	Clevite Main Bearings
F-18	Durabond Cam Brng.
260-1126	Fel Pro Gaskets
35-238-3	Comp Xtreme Energy Cam
218/224°	.493/.500 110°
J900	Melling Lifters
M68HV	Melling Hi Vol. Pump
40206	Melling Roller Timing
PE108BR	Brass Expansion Plugs

SB Mopar 360-310horsepower #722-360-8

H405CP	Speed Pro Pistons
2M139	Hastings Moly Rings
CB481P	Clevite Rod Bearings
MS1266P	Clevite Main Bearings
DP-16	Durabond Cam Brng.
260-1718	Fel Pro Gaskets
MTD-1	Melling HP Cam
204/214°	.420/.443 107°
J817	Melling Lifters
M55HV	Melling Hi Vol. Pump
C3023X	Cloyes 3 Key Roller Set
PE100BR	Brass Expansion Plugs



JPW SHORT BLOCK STROKER KITS

Let **JPW** put together a performance short block kit for you. Kits are designed to let you buy all the components for a shortblock at a savings over piecing out all the parts separately. Our most popular combinations are listed. **JPW can also put together a kit to your specifications. Give us a call!**
Let JPW put you in the crate motor business!



AVAILABLE OPTIONS

- 4-bolt splayed main cap block
- Lightweight Eagle or Scat crank
- Callies Dragonslayer crank
- Callies Magnum crank
- ARP 2000 & L19 bolt upgrade
- Callies Compstar rods
- Oliver billet rods
- Manley aluminum rods
- Merlin/Motown block
- JE/Mahle/Diamond/CP pistons
- Gapless piston rings
- Hellfire piston rings
- Powerbond SFI balancer
- ATI/Fluidamper balancers
- SFI flexplate
- Coated bearings

BB Chev 509

718-509

Qty	Component	
1	CR9150-130	Total Seal Classic Rings
8	K238A125	Wiseco Pro Series Domed Pistons
8	CB-743H	Clevite 77 HP Rod Bearings
1	MS-829H	Clevite 77 HP Main Bearings
1 Set	CRS63853D	Eagle 6.385" 3D H Beam Rods
1	445442536385	Eagle 4.25" 4340 Crank
1	31273344	Dart Big M Sportsman Block

SB Chev 421

718-421

Qty	Component	
1	CR0690-35	Total Seal Classic Rings
8	K405A3	Wiseco Pro Series Domed Pistons
8	CB-663H	Clevite 77 HP Rod Bearings
1	MS-909H	Clevite 77 HP Main Bearings
1 Set	CRS6000B3D	Eagle 6" 3D H Beam Rods
1	435038756000	Eagle 3.875" 4340 Crank
1	31151211	Dart Little M Sportsman Block

BB Chev 555 Triple Nickle

718-555

Qty	Component	
1	CR9130-5	Total Seal Classic Rings
8	K240A6	Wiseco Pro Series Domed Pistons
8	CB-743H	Clevite 77 HP Rod Bearings
1	MS-829H	Clevite 77 HP Main Bearings
1 Set	CRS63853D	Eagle 6.385" 3D H Beam Rods
1	445442536385	Eagle 4.25" 4340 Crank
1	31273444	Dart Big M Sportsman Block

SB Chev 434 Giant Killer

718-434

Qty	Component	
1	CR0690-35	Total Seal Classic Rings
8	K404A3	Wiseco Pro Series Domed Pistons
8	CB-663H	Clevite 77 HP Rod Bearings
1	MS-909H	Clevite 77 HP Main Bearings
1 Set	CRS6000B3D	Eagle 6" 3D H Beam Rods
1	43504006000	Eagle 4" 4340 Crank
1	31151211	Dart Little M Sportsman Block

BB Chev 598 Big Bertha

718-598

Qty	Component	
1	CR9150-5	Total Seal Classic Rings
8	K425A100	Wiseco Pro Series Domed Pistons
8	CB-743H	Clevite 77 HP Rod Bearings
1	MS-829H	Clevite 77 HP Main Bearings
1 Set	CRS68003D2000	Eagle 6.385" 3D H Beam Rods
1	445445016535	Eagle 4.50" 4340 Crank
1	31273654	Dart Big M 10.2" Sportsman Block

SB Ford 438 Blue Oval Special

735-438

Qty	Component	
1	CR0690-5	Total Seal Classic Rings
8	231591	SRP Flattop Piston
8	CB-663H	Clevite 77 HP Rod Bearings
1	MS-1010H	Clevite 77 HP Main Bearings
1 Set	CRS6200B3D	Eagle 6.2" 3D H Beam Rods
1	435241006200	Eagle 4.1" 4340 Crank
1	31355235	Dart Iron Eagle Sportsman Block



STROKERS 'R' US

Performance Rotating Assemblies

JPW has more than 100 stroker assemblies available in addition to stroker assemblies from Eagle, Compstar and Scat. We also have the ability to custom make stroker kits from your specifications. Any of these kits can be modified to meet your requirements. Call us today!



Budget Performance Rotating Assemblies

Small Block Chev

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	62cc	76cc		
818-350	3.480	4.030	355	5.700	Flat Top	-5cc	10.9	10.2	8.9	Speed Pro	Std.
818-350D	3.480	4.030	355	6.000	Flat Top	-5cc	11.2	10.5	9.1	Claimer	Std.
818-350I	3.480	4.030	355	5.700	D-cup	-12cc	10.3	9.8	8.5	KB	Std.
818-377	3.480	4.030	377	5.700	Flat Top	-5cc	11.0	10.8	9.1	Speed Pro	Std.
818-383	3.750	4.030	383	5.700	Dish	-12cc	10.3	9.8	8.6	Speed Pro	Std.
818-383N	3.750	4.030	383	5.700	Flat Top	-5cc	11.7	11.1	9.6	Claimer	Std.
818-383J	3.750(A)	4.030	383	5.700	Dish	-12cc	10.3	9.8	8.6	Speed Pro	Std.
818-383G	3.750	4.030	383	6.000	Flat Top	-7cc	11.7	11.1	9.6	KB	Std.(B)
818-383I	3.750	4.030	383	6.000	D-cup	-19cc	10.2	9.8	8.6	KB	Std.(B)
818-406	3.750	4.155	406	5.700	Flat Top	-5cc	11.5	11.0	9.6	Speed Pro	Std.
818-406K	3.750	4.155	406	5.700	Flat Top	-5cc	12.3	11.7	10.1	Claimer	Std.
818-406C	3.750	4.155	406	5.700	Dish	-14cc	10.7	10.3	9.1	Speed Pro	Std.
818-406H	3.750	4.155	406	6.000	Flat Top	-7cc	12.3	11.7	10.1	Pro Tru	Std.(B)
818-406J	3.750	4.155	406	6.000	D-cup	-18cc	10.8	10.4	9.1	Pro Tru	Std.(B)

Big Block Chev

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							90cc	108cc	119cc		
818-454	4.000	4.250	454	6.135	Dome	10cc	11.8	9.9	9.1	Speed Pro	Std.
818-489B	4.250	4.280	489	6.385	Flat Top	-3cc	10.8	9.3	8.6	Speed Pro	Std.

Small Block Ford

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							55cc	64cc	69cc		
835-331A	3.250	4.030	331	5.400	D-cup	-10cc	10.3	9.2	8.8	KB	Std.(B)
835-347	3.400	4.030	347	5.400	Flat Top	-6.5cc	11.2	10.0	9.5	SpeedPro(c)	Std.(B)
835-393	3.850	4.030	393	5.956	Dish	-3cc	11.0	10.0	9.5	SpeedPro(c)	Std.(B)
835-408	4.000	4.030	408	6.200	D-cup	-27.5cc	na	9.4	9.2	KB	Std.(B)
835-408A	4.000	4.030	408	6.200	Flat Top	-6.5cc	13.1	11.6	11.1	KB	Std.(B)

Big Block Ford

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							76cc	92cc	97cc		
835-460	3.850	4.360	460	6.605	Flat Top	-5cc	10.2	9.1	8.8	SpeedPro(c)	Std.
835-512	4.140	4.440	512	6.700(d)	Flat Top	-3cc	12.3	10.8	10.4	SRP	File Fit

Small Block Mopar

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							64cc	68cc	72cc		
822-408	4.000	4.030	408	6.123	Dish	-23.5cc	9.7	9.4	9.0	KB	Std.

JPW Budget Assemblies feature ESP cast steel crankshaft, 5140 SIR connecting rods, Speed Pro or KB hypereutectic pistons, pins, rod & main bearings and moly ring set.

(A) 1 piece seal crankshaft

(C) coated piston skirts

(B) 1/16" ring set

(D) H-Beam 4340 rods



Small Block Chev

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	62cc	76cc		
818-350A	3.480	4.030	355	5.700	Flat Top	-4.8cc	11.2	10.6	9.1	KB forged	File Fit
818-350C	3.480	4.030	355	6.000	Flat Top	-4.8cc	11.2	10.6	9.1	KB forged	File Fit
818-383A	3.750	4.030	383	6.000	Flat Top	-4.8cc	12.0	11.4	9.8	KB forged	File Fit
818-383D	3.750	4.030	383	5.700	Dish	-18.6cc	10.2	9.8	8.6	KB forged	File Fit
818-406A	3.750	4.155	406	5.700	Flat Top	-4.8cc	12.8	12.1	10.4	KB forged	File Fit
818-406D	3.750	4.155	406	5.700	Dish	-26.5cc	10.0	9.7	8.6	KB forged	File Fit
818-406F	3.750	4.155	406	6.000	Flat Top	-4.8cc	12.8	12.1	10.4	KB forged	File Fit

Big Block Chev

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							90cc	108cc	119cc		
818-489	4.250	4.280	489	6.385	Flat Top	-3cc	10.7	9.2	8.6	KB forged	File fit

Small Block Ford

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	64cc	69cc		
835-347C	3.400	4.030	347	5.400	Flat Top	-4.8cc	11.0	10.2	9.6	KB forged	File fit

Big Block Ford

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							74cc	80cc	94cc		
835-521	4.300(E)	4.390	521	6.800(D)	Flat Top	-5.9cc	12.6	12.3	10.2	Pro Tru	Std.
835-532	4.300(E)	4.440	532	6.800(D)	Flat Top	-3.0cc	13.6	12.7	11.2	JE	File Fit
835-545	4.500(E)	4.390	545	6.700(D)	Flat Top	-3.0cc	13.8	13.0	11.4	JE	File Fit
835-557	4.500(E)	4.390	557	6.700(D)	Flat Top	-3.0cc	14.1	13.3	11.6	JE	File Fit

Big Block Mopar

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							75cc	78cc	86cc		
822-494A	4.150	4.350	494	6.760(D)	Flat Top	-4.5cc	12.3	12.0	11.8	KB Forged	File Fit

JPW Sportsman Assemblies feature a 4340 Steel Crank (BB Ford assemblies have a nodular iron crank), 4340 I beam or H beam rods, KB Premium 2618 forged pistons, pins, rod & main bearings and Total Seal 1/16" moly ring set.
 (A) 1-piece seal crankshaft (E) Nodular iron crank
 (D) H-Beam 4340 rods

Competition Rotating Assemblies

Small Block Chev

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	67cc	76cc		
818-350B	3.480	4.030	355	5.700	Flat Top	-3.2cc	11.3	10.1	9.2	Wiseco	File Fit
818-350E	3.480	4.030	355	6.000	Flat Top	-3.2cc	11.3	10.1	9.2	Wiseco	File Fit
818-350F	3.480	4.030	355	5.700	Dome	11cc	14.0	12.7	11.7	SRP	File Fit
818-350G	3.480	4.030	355	6.000	Dome	1cc	11.9	11.1	10.4	SRP	File Fit
818-350H	3.480	4.030	355	6.000	Dome	4cc	12.3	11.3	10.7	Wiseco	File Fit
818-350NT	3.500♦	4.030	357	6.000(B)	Dome	10cc	13.7	12.5	10.7	JE nitrous	Hellfire
818-357	3.500	4.030	357	6.000	Flat Top	-5cc	11.1	10.3	9.6	SRP	File Fit
818-377B	3.480◇	4.155	377	5.700	Dome	9cc	14.2	12.5	11.2	SRP	File Fit
818-377C	3.480◇	4.155	377	5.700	Flat Top	-5cc	12.5	11.4	10.1	SRP	File Fit
818-377D	3.480◇	4.155	377	6.000	Dome	9cc	14.2	13	12	SRP	File Fit
818-377E	3.480◇	4.155	377	6.000	Flat Top	-5cc	11.6	10.4	9.5	SRP	File Fit
							58cc	62cc	76cc		
818-361	3.562	4.030	363	6.000	Flat Top	-4.8cc	11.3	10.5	9.6	JE	File Fit
818-363	3.562	4.030	363	6.000	Dome	11cc	14.3	13.0	11.1	JE	File Fit
818-370	3.652	4.060	369	6.000	Dome	13cc	15.0	13.6	11.5	JE	File Fit
818-383B	3.750	4.030	383	5.700	Flat Top	-5.4cc	11.0	9.9	9.0	Wiseco	File Fit
818-383H	3.750	4.030	383	5.700	Dome	7cc	14.0	12.4	10.8	SRP	File Fit
818-383E	3.750	4.030	383	6.000	Flat Top	-5cc	11.8	10.6	9.6	SRP	File Fit
818-383F	3.750	4.030	383	6.000	Dome	10cc	15.4	13.5	12.0	Wiseco	File Fit
818-383M	3.750	4.030	383	6.000	Dish	-16cc	10.4	9.5	8.6	SRP	File Fit

Competition Rotating Assemblies

Small Block Chev

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	62cc	76cc		
818-406B	3.750	4.155	406	5.700	Flat Top	-4.6cc	11.0	9.9	9.0	Wiseco	File Fit
818-406E	3.750	4.155	406	5.700	Dish	-16cc	10.4	9.5	8.6	Wiseco	File Fit
818-406G	3.750	4.155	406	6.000	Flat Top	-4.6cc	11.0	9.9	9.0	Wiseco	File Fit
818-406I	3.750	4.155	406	6.000	Dome	4cc	14.0	12.7	11.7	SRP	File Fit
818-421	3.875	4.155	421	6.000	Dome	10cc	15.9	13.8	12.3	Wiseco	File Fit
818-421A	3.875	4.155	421	6.000	Flat Top	-6cc	12.9	na	na	JE	File Fit
818-434	4.000	4.155	434	6.000	Dome	10cc	16.3	14.3	12.7	Wiseco	File Fit
818-434A	4.000	4.155	434	6.000	Flat Top	-5cc	13.1	11.5	10.7	JE	File Fit

Big Block Chev 4.250 Bore

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							112cc	118cc	124cc		
818-460	4.000	4.280	460	6.135	Dome	48cc	13.7	12.8	11.9	SRP	File Fit
818-460A	4.000	4.280	460	6.135	Flat Top	-3cc	8.9	8.4	8.2	SRP	File Fit
818-489A	4.250	4.280	489	6.385	10.25cr	18cc	10.7	10.2	9.7	SRP	File Fit
818-489C	4.250	4.280	489	6.385	Flat Top	-3cc	9.4	9.0	8.6	SRP	File Fit
818-489D	4.250	4.280	489	6.385	Dome	43cc	13.8	12.7	11.8	SRP	File Fit
818-489E	4.250	4.280	489	6.800	10.25cr	18cc	10.7	10.2	9.7	SRP	File Fit

Big Block Chev 4.500 Bore

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							112cc	118cc	124cc		
818-509	4.000	4.500	509	6.135	10.25cr	17cc	10.7	10.0	9.5	SRP	File Fit
818-509A	4.000	4.500	509	6.385	Dome	41cc	13.7	12.8	12.1	SRP	File Fit
818-540	4.250	4.500	540	6.385	Dome	42.4cc	14.6	13.7	12.8	Wiseco	File Fit
818-540A	4.250	4.500	540	6.385	Flat Top	-3cc	10.2	9.8	9.4	SRP	File Fit
818-555	4.250	4.560	555	6.385	Dome	42.4cc	14.0	13.1	12.5	Wiseco	File Fit
818-565	4.250	4.600	565	6.385	Dome	42.4cc	14.2	13.3	12.7	Wiseco	File Fit
818-572	4.500	4.500	572	6.800	Dome	42.4cc	13.9	13.0	12.3	Wiseco	File Fit
818-572A	4.500	4.500	572	6.700	Dome	41cc	13.7	12.8	12.1	SRP	File Fit
818-598	4.500	4.600	598	6.800	Dome	42.4cc	14.2	13.3	12.7	Wiseco	File Fit
818-604	4.750	4.500	604	6.700	Dome	40cc	14.5	13.5	12.7	JE	File Fit
818-632	4.750	4.600	632	6.700	Dome	40cc	15.0	14.0	13.2	JE	File Fit

Small Block Ford

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	64cc	76cc		
835-331B	3.250	4.030	331	5.400	Flat Top	-5cc	10.4	9.7	8.9	SRP	File Fit
835-331C	3.250	4.030	331	5.400	Dish	-15cc	9.3	8.7	8.1	SRP	File Fit
835-347A	3.400	4.030	347	5.400	Flat Top	-4.5cc	11.5	10.9	10.4	Wiseco	File Fit
835-347B	3.400	4.030	347	5.400	Dish	-12.5cc	10.4	9.9	9.5	SRP	File Fit

351WFord

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	64cc	72cc		
835-383	3.750	4.030	383	6.200	Flat Top	-5cc	11.9	11.0	10.0	SRP	File Fit
835-393A	3.850	4.030	393	6.200	Flat Top	-5cc	11.9	11.0	10.0	SRP	File Fit
835-408B	4.000	4.030	408	6.250	Flat Top	-5cc	12.6	11.7	10.7	SRP	File Fit
835-418	4.100	4.030	418	6.200	Flat Top	-5cc	12.9	12.0	11.0	SRP	File Fit
835-438	4.100	4.125	438	6.200	Flat Top	-5cc	14.6	12.1	11.1	SRP	File Fit
835-454	4.250	4.125	454	6.200	Dome	6.5cc	15.4	14.9	14.1	JE	File Fit

JPW Competition Assemblies feature an ESP 4340 Steel Crank, 4340 ESP 3D H beam rods, Wiseco/JE or SRP/ProTru forged pistons, pins, 'H' rod & main bearings and moly file fit ring set.

◊includes spacer bearings

□Oliver Billet Rods

●ARP 2000/L19 bolts

◆Callies Dragonslayer crank

▲Tall deck block

♥includes Mopar bearing spacer

♣Callies Magnum crank

○Callies Magnum Plus crank

⚙️must use aftermarket 9.5 deck block



Competition Rotating Assemblies

Small Block Mopar

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							60cc	65cc	70cc		
822-408A	4.000	4.030	408	6.125	Flat Top	-6.8cc	12.0	11.4	10.6	SRP	File Fit
822-416	4.000	4.070	416	6.125	Flat Top	-6.8cc	12.3	11.6	10.9	SRP	File Fit

Big Block Mopar

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							73cc	80cc	90cc		
822-494	4.150	4.350	494	6.760	Flat Top	-4.8cc	12.5	11.7	10.7	Wiseco	File Fit

Featherweight Rotating Assemblies

Small Block Chev

Kit #	Stroke	Bore	CID	Rod	Piston Type	Dish/Dome	Compression Ratio			Piston	Piston Ring
							58cc	64cc	70cc		
818-355LW	3.500	4.030	357	6.000	Flat Top	-4cc	11.2	10.4	9.7	SRP Fly	File Fit
818-355LW-2	3.480	4.030	355	6.000	Flat Top	-5cc	11.1	10.3	9.6	SRP Fly	File Fit
818-377LW	3.480(A)	4.155	377	6.000	Flat Top	-5cc	11.7	10.9	9.6	JE Ultra	File Fit
818-406LW	3.750	4.155	406	6.000	Flat Top	-5cc	12.5	11.6	10.2	JE Ultra	File Fit

JPW Featherweight Assemblies feature an ESP 4340 Steel Featherweight Crank, 4340 ESP 3D LW H beam rods, JE or SRP forged pistons, pins, 'H' rod & main bearings and moly file fit ring set.

(A) includes spacer bearings (D) Callies Dragonslayer crank (G) Callies Magnum crank
 (B) Oliver Billet Rods (E) Tall deck block (H) Callies Magnum Plus crank
 (C) ARP 2000/L19 bolts (F) includes Mopar bearing spacer (I) must use aftermarket 9.5 deck block



musclekit's MASTER ENGINE REBUILD KITS



*These kits feature JE pistons.

Kits designed for muscle cars of the 60's & early 70's. Kits feature Speed Pro Powerforged pistons with compression height and dome configurations to match OE applications. Kits also feature camshafts and timing sets that match or closely approximate OE. All sets come with moly rings and all Fel Pro gaskets needed to complete engine assembly.

Part#	Description
018-302*	67 CHEV 302 Z28 290HP
018302A*	68-69 CHEV 302 Z28 290HP
018-327E	62-63 CHEV 327 FUELIE FI CORVETTE
018-327F	64-65 CHEV 327 DUNTOV 30-30 EXC NOVA
018-327G	64-65 CHEV 327 DUNTOV 30-30 FITS NOVA
018-327H	65-66 CHEV 327 L79 350HP EXCEPT NOVA
018-327I	65-66 CHEV 327 L79 350HP FITS NOVA
018-327J	67 CHEV 327 L79 350HP EXCEPT NOVA
018-327K	67 CHEV 327 L79 350HP FITS NOVA
018-350Q	69-70 CHEV 350 LT1
018-350R	71-73 CHEV 350 LT1
018-350S	69-70 CHEV 350 L82 350HP
018-396B	68-69 CHEV 396 L78 375HP
018-402A	70 CHEV 402 L78 375HP
018-427A	67-69 CHEV 427 L72 425HP
018-427B	68 CHEV 427 L88 430HP
018-454A	70 CHEV 454 LS6 450HP
018-454B	71 CHEV 454 LS6 425HP

Part#	Description
011-455B*	70 BUICK 455 STAGE 1 360HP
011-455A	71 BUICK 455 STAGE 1 345HP
060-350E	68-70 OLDS 350 W31 325HP
060-400	68-69 OLDS 400 '442'
060-455H	70 OLDS 455 W30 390HP
069-389D	66 PONTIAC 389 TRI POWER 360HP
069-400C	67-70 PONTIAC 400 RAM AIR III 366HP
069-400D	68-70 PONTIAC 400 RAM AIR IV 370HP
069-455B	73-74 PONTIAC 455 SUPER DUTY 290HP
035-289D	65-68 FORD 289 HIPO 271HP
035-351O	71-72 FORD 351C COBRA JET
035-351P	69 FORD 351W MACH 1
035-390E	68-69 FORD 390 320HP
035-428A	68-69 FORD 428 COBRA JET 335HP
035-429	68-71 FORD 429 SCJ 360HP
022-340A	68-71 MOPAR 340HP 275HP
022-383D	67-71 MOPAR 383 MAGNUM 335HP
022-440G	70-71 MOPAR 440 SIX PACK 390HP



Parts Cleaning Chemicals

MSDS furnished on request.



Aluma Safe Powdered Parts Wash

A biodegradable, water soluble parts wash cleaner with powerful surfactants, builders, wetting agents and emulsifiers. It's low foaming and penetrates deeply into dirt, oil, grease, carbon build up and other stubborn debris to dissolve and emulsify so it can be freely rinsed off cleaned surface. **Cleans cast iron and aluminum.** Comparable to many Zep™ and Interchem™ products!

120-1086-2050

50lb. Pail

Hi Caustic Powdered Parts Wash

A biodegradable powder that removes heavy soil, oil and grease from iron and steel parts. Suitable for use in spray wash cabinets, parts washers and soak tanks. Not suitable for brass, aluminum or painted parts.

120-1028-2050

50lb. Pail



Descale/Rust Remover

A biodegradable, acidic liquid concentrate that's ideal for rust and scale removal on steel and iron. Contains a combination of ingredients for fast penetration and descaling action. Low foaming and free of odor and fumes. (Must use in plastic or fiberglass containers.)

120-1101-1005

5gal. Pail

Machine Shop Clean

A biodegradable, water soluble liquid concentrate cleaner and degreaser that also deodorizes and prevents mold and bacteria growth. Low to medium suds removes dirt, oil grease, carbon and stubborn debris. Works well as a sump cleaner for honing tanks, etc. Also dissolves oils and machine fluid residue on clean surface.

100-1119-1005

5gal. Pail



Power Clean

The Purple Stuff! A biodegradable liquid cleaner designed to remove dirt, oil and grease from floors, walls, equipment and anywhere that a general cleaner is needed. Dissolves and removes tar, asphalt, adhesives and paint. Use in pressure washer, scrubbing machine or by hand mopping.

100-1015-1005

5gal. Pail



Shop Abrasives

All abrasives shipped in 50lb. bags

**NATRUIM®
SODA BLAST 260
NAPFM50**



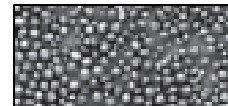
**AMASTEEL®
STEEL SHOT
S-170**



**POTTER™ GLASS BEADS
AC MEDIUM BT-8
D COARSE BT-6**



**Silver Seal®
Stainless Steel Shot
7011**



Call JPW for your chemical supplies. We stock honing oil, rust inhibitor, hy kool, metal marker, magnaflux powder, and many other shop supplies! We are also a dealer for Lubriplate™ greases.





Tools & Accessories



DW-100A

Pro Degree Wheel

- 18" Diameter 1/4" Thick Plate
 - Precision Engraved & Anodized
 - Open Center Design allows access to cam sprocket
 - 1" center hole works with crank sockets
 - Mounting holes also bolts up to dampener
- *socket available separately



- 4793** SB Chev Crank Socket
- 4797** BB Chev Crank Socket
- 4914** Gen III Crank Socket
- 4798** Ford, Buick & Pontiac
- 4799** Mopar & Olds Socket

Engine Lift Plate LP-100



Cam & Lifter Organizer CLB-100



Rod Bolt Stretch Gauge 100-9942



Dura-Band

Cam Bearing Installation Kit



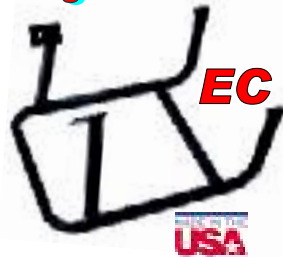
Chev Oil Primer Shaft

CT-1

PRI-1



Engine Cradle



Pushrod Length Checking Kit

Comes with 5 adjustable pushrods
Measures from 6" to 11.5"



LCK-100

Cylinder Head Disassembly Basket



- Retractable handle
- Small parts basket
- Holds up to 2.25" Valves
- Side area for springs, retainers, shims
- All metal-21.5"x7"x5.75"
- Use in hot tank or high pressure wash

EZ STROKER



No need to repeatedly assemble your short block while clearancing for strokers. Kit allows you to dummy up rod in block with no crank or piston. Saves hours of reassembly and cleanup!

*This kit contains main centers for 350 and 400 main blocks.

Part #	Description
EZ-350	SB Chev basic kit 3.75"
EZ-350M*	SB Chev master kit 3.75", 3.875", 4"
EZ-454	BB Chev basic kit 4.250", 4.375", 4.500"
EZ-454M	BB Chev master kit 4.250", 4.375", 4.500" 4.750", 5", 5.250", 5.500"
EZ-302	Ford 302 kit 3.400", 3.470"
EZ-351W	Ford 351W kit 3.750", 4", 4.100"
EZ-429/460	BB Ford basic kit 4.150", 4.300", 4.500"
EZ-429/460M	BB Ford master kit 4", 4.125", 4.250", 4.375", 4.500", 4.625", 4.750", 5", 5.250"



Performance-Pack Roller Rocker Arms

JPW roller rocker arms are CNC machined from high strength extruded aluminum. They feature a roller trunion and tip and come with polylock nuts. An affordable and durable rocker arm, with a blue anodized hardcoat finish.



JPW Aluminum Roller Rockers

Part #	Desc.	Ratio	Stud
RR350A 1.5	SB Chev	1.5	3/8
RR350A 1.6	SB Chev	1.6	3/8
RR350B 1.5	SB Chev	1.5	7/16
RR350B 1.6	SB Chev	1.6	7/16
RR454B 1.7	BB Chev	1.7	7/16
RR454B 1.8	BB Chev	1.8	7/16
RR302A 1.5SR	SB Ford	1.5	3/8
RR302A 1.6	SB Ford	1.6	3/8
RR302B 1.6	SB Ford	1.6	7/16
RR302B 1.7S	SB Ford	1.7	7/16
RR429B 1.73	BB Ford	1.73	7/16
RR318A 1.5	SB Mopar	1.5	shaft
RR318A 1.6	SB Mopar	1.6	shaft



Performance-Pack Stainless Steel Rocker Arms

JPW stainless steel rocker arms feature high strength with oversize trunions and bearings. Typical weight is 22g for the SB Chev and 24g for the BB Chev. They are polished to eliminate surface imperfections and come with poly locks.



JPW Stainless Roller Rockers

Part #	Desc.	Ratio	Stud
SSR350A1.5	SB Chev	1.5	3/8
SSR350A1.6	SB Chev	1.6	3/8
SSR350B1.5	SB Chev	1.5	7/16
SSR350B1.6	SB Chev	1.6	7/16
SSR454B1.7	BB Chev	1.7	7/16



EXTREME DUTY SB CHEV STAMPED ROCKER KIT



This kit contains the extremely durable 'W' series stamped steel rocker arm for the small block Chev. This is the rocker arm of choice for engine builders in classes where a stock, stamped rocker arm is required. They are available in a set of 16 along with grooved rocker balls and Crane Kool Nut® adjusters. Long slot 1.5 ratio for 3/8" stud.

RAK-1500

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- Lunati 
- Scat 

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- Eagle 
- Manley 
- Oliver 
- Scat 

Pistons

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- Diamond 
- JE/SRP 
- Keith Black 
- Mahle Motorsport 
- Probe 
- Speed Pro 
- Wiseco/Pro Tru 

Engine Bearings

- ACL 
- Clevite 77 
- Dura Bond 
- Federal Mogul 
- King 

Piston Rings

- Hastings 
- Powerflex 
- Mahle Motorsports 
- Perfect Circle 
- Speed Pro 
- Total Seal 






Fuel & Water Pumps

- JPW Performance 
- Carter 
- CVR 
- Edelbrock 
- Moroso

Camshafts & Valvetrain

- JPW Performance 
- Clevite Performance 
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- Crane Cams 
- Edelbrock 
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- Isky Cams 
- Jesel 
- Lunati Cams 
- Melling Select 
- Speed Pro 

Valves

- JPW Performance 
- Ferrea 
- Manley 
- Melling Select 
- Speed Pro 

Cylinder Heads

- JPW Performance 
- Dart 
- Edelbrock 
- RHS 
- World 

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- JPW Performance 
- Kevko 
- Milodon 
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- Silver Seal 
- Stefs/B&B 

Intake Manifolds

- Dart 
- Edelbrock 
- Professional Products 
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- Professional Products 

Engine Blocks

- Dart 
- World 

Timing Sets

- JPW Performance 
- Cloyes 
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- Melling 

Oil Pumps

- Melling Select 
- Milodon 
- Moroso 

Gaskets

- Clark 
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- Fel Pro 
- Mr. Gasket 
- SCE 
- Victor Reinz 

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- JPW Performance 
- ARP 
- Elgin Pro Stock 
- Milodon 
- Moroso 
- Pioneer 

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- Zex 

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