

																			
Recommended Parts (See opposite side for BluePrint Tech Tips)		Alternate Part Number/Vendor	BP350TB1CT	BP350CT/CTC/CTF series	BP35513CT1/CTC1/CTF1	BP38313CT1/CTC1/CTF1	BP38315CTC1	BP38317CT1	BP38318SP	BP38318CT1/CTC1/CTF1 series	BP38321SP	BP38350CT1	BP3961CT/CTC/CTF	BP4002CT1/CTC1/CTF series	BP4003CT1	PS4272CT1/CTC1	PS4272CT/CTC	PS4541CT1/CTC1	PS4541CT/CTC
SPARK PLUG																			
ACDelco CR43TS/.035"			X																
BPP7938 - NGK BKR5E/7938/.035"		Accel 0416S-4 (Short)		X	X	X	X	X		X		X	X	X	X	X	X	X	X
BALANCER																			
BPP350 - 8" INTERNAL		Professional Product 80002	X	X	X			X			X		X	X	X	X	X	X	X
BPP400L - 8" EXTERNAL		Professional Product 80003				X	X		X	X		X							
FLEX PLATE																			
BPP871006 - 1 PIECE RMS EXTERNAL (168 Tooth)		TCI 399773	X	X	X	X	X	X	X	X	X	X	X	X	X				
BPP399173 - 1 PIECE RMS EXTERNAL (153 TOOTH)		TCI 399173	X	X	X	X	X	X	X	X	X	X	X	X	X				
BPP399774 - 1 PIECE RMS INTERNAL (168 Tooth)		TCI 399774														X		X	
BPP168T2P - 2 PIECE RMS INTERNAL (168 Tooth)		TCI 399273															X		X
FLYWHEEL																			
BPP300116 - 1 PIECE RMS EXTERNAL (168 Tooth)		Hays 10-630	X	X	X	X	X	X	X	X	X	X	X	X	X				
BPP460265 - 1 PIECE RMS INTERNAL (168 Tooth)		MCL 460260														X		X	
BPP460130 - 2 PIECE RMS INTERNAL (168 Tooth)		MCL 460130															X		X
STALL CONVERTER																			
OEM			X	X								X							
2200-2400 rpm					X	X	X	X	X	X	X		X	X	X				
2400+ rpm																X	X	X	X
OIL & FILTER																			
BPP710 BluePrint Engines Break-in Oil			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BPP10W30 BluePrint Engines Service Oil			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BPP51061 SBC Oil filter		WIX 51061	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TOTAL OIL CAPACITY (with production oil pan & filter)																			
5-quart capacity			X	X	X	X	X	X	X	X	X	X	X	X	X		X		
6-quart capacity																	X		X
THERMOSTAT																			
BPP10108470 - 180° Thermostat		Stant 300-180	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTAKE MANIFOLD																			
BPP350VINT - SBC Dual plane Intake		Edelbrock 7101		X	X	X	X	X		X			X	X					
AIR CLEANER																			
BPP143 BluePrint Air cleaner				X	X	X	X			X	X	X	X	X		X	X	X	X
BPP4304 BluePrint Air cleaner				X	X	X	X			X	X	X	X	X		X	X	X	X
FUEL & ACCESSORIES																			
91 octane or higher					X	X		X		X		X	X	X	X	X	X	X	X
87 Octane			X	X			X												
BPP61073 Fuel pump		Holley 12-834		X	X	X	X	X		X									
BPP4891 Fuel pump		Holley 12-327-11											X	X	X	X	X	X	X
BPP080457SA - 600 CFM Holley Carburetor		Holley 0-80457SA		X	X														
BPP080508S - 750 CFM Holley Carburetor		Holley 0-80508S				X	X		X										
BPP04781S - 850 CFM Holley Carburetor		Holley 0-4781S											X	X	X	X	X		
BPP082951 - 950 CFM Holley Carburetor		Holley 0-82951SA																X	X
BPP550-510-3XX/BPP550-511-3XX Holley Sniper EFI		Hol 550-510/550-511		X	X	X	X			X			X	X		X	X	X	X
TIMING SETTINGS																			
Initial timing 10-16 & total timing 32@4000rpm							X												
Initial timing 13-16 & total timing 34@4000rpm					X	X		X	X	X	X	X	X	X	X	X	X	X	X
DISTRIBUTORS/Coils																			
BPP350RBK - Large cap HEI		MSD 8362		X	X	X	X	X	X	X			X	X	X	X	X	X	X
BPP3503BK - Small cap RTR & BPP82021BK coil		MSD 8360		X	X	X	X	X	X	X			X	X	X	X	X	X	X
BPP3502BK - Small cap 2 wire & BPP82021BK coil. (ignition box also required)		MSD 85551		X	X	X	X	X	X	X			X	X	X	X	X	X	X

Thank you for selecting a BluePrint Engine. We appreciate the opportunity to be a part of your build!

Please read and follow all directions in the BluePrint Engine Installation guide.

For peak performance, your engine requires the following:

1	Install the Recommended Add-on's listed on the opposite side of this document.
2	BluePrint Engines recommends a 180° thermostat on your engine. Safe operating temperatures can range from 180° - 220°.
3	Your engine requires a distributor with a melonized iron or steel gear ONLY. Do NOT use bronze or unmelonized cast iron gears. Use of the wrong distributor gear can cause severe damage to the engine and will void your warranty. If you are uncertain of your gear compatibility, contact your distributor manufacturer to confirm your gear material is compatible with an OEM material, hydraulic roller camshaft.
4	If you are utilizing a small block Chevy mechanical fuel pump, we would recommend you use a stock small block Chevy pushrod from years ranging from 1970- 1985. We do not recommend using a bronze tip, or a Chromoly.
5	BluePrint Engines BPP710 Break-in oil should be used for the first 500 miles.
6	BluePrint Engines BPP10W30 Service oil is recommended after the first 500 miles.
7	BluePrint Engines does not “fine-tune” the carb for your elevation or for peak economy. Tuning of the carb for idle mixture adjustments, jet changes, or other necessary tuning is required by the installer or owner.
8	Engine timing will also need checked & verified, per timing settings provided on the opposite side of this page. Engine start up, break-in and timing instructions are detailed on pages 4-5 of your BluePrint Engines Install Guide. Please follow these specific instructions to avoid internal engine failure.
9	This engine is not designed for use in pollution-controlled vehicles.
10	We do NOT recommend the use of “stock style” replacement gaskets. These are typically supplied in gaskets sets for stock replacement engines. If stock gaskets are used, it could result in a failure that will not be covered by the limited warranty.
11	BluePrint Engines recommends the use of performance exhaust gaskets on our performance engines. Improper gaskets or poor fit, can cause conditions that may lead to catastrophic engine failure i.e. fuel wash, detonation and abnormal combustion. All which are not covered by the limited warranty.
12	Be sure to verify that your exhaust gaskets match the header flange and NOT our heads. Failure to pay attention to this can lead to exhaust leaks, resulting in engine damage.
13	BluePrint Engines SBC firing order: 1,8,4,3,6,5,7,2.
14	Your BluePrint Engine requires pre-lube before start-up. Your engine has been dyno tested, but it does require additional preventative maintenance before initial start-up. Be sure to follow proper pre-lube instructions on page 3 of your BluePrint Engines Installation Guide.
15	If your engine came with a Holley Sniper visit www.blueprintengines.com/pages/tech-tips to download additional information.
16	This product is shipped <u>without</u> fluids. Make sure to add all fluids prior to initial start.

For additional assistance, contact our Support Team: 308-236-1050 or Support@BluePrintEngines.com