

Dart  **SBC Iron Block**

Part#	31121111 thru 31122223
Material:	Superior iron alloy
Bore:	4.00" & 4.125"
Bore & stroke:	4.185" x 4.125" max recommended
Cam bearing bore ID:	SBC - 2.00" BBC - 2.120" 50mm Roller Brg – 2.2819"- 2.2831"
Cam bearings:	Special coated, grooved, w/3 oil holes
Cam Bearing O.S.	+ .010", +.020", +.030"
Cam bearing press:	.002"
Camshaft position:	Raised .391"
Camshaft to Crank Ø	4.912"
Camshaft snout:	SBC on all
Cam Drive:	Timing chain, Gear drive & Belt drive for raised cam
Cam Plug:	2.375" dia. cup plug
Cubic inch:	455" max recommended
Cyl. Wall Thickness:	.275" min @ 4.185" bore
Deck Height:	9.025" & 9.325"
Deck Thickness:	.625" min.
Fuel Pump:	Mechanical pump provision
Fuel Pump Pushrod:	+ .200" long 5.950" OA Dart# PR200FP
Freeze Plugs:	Press in cup plugs
Lifter Bores:	SBC .8427" - .8437"
Main bearing size:	2.450" (350) 2.650" (400)
Main bearing bore:	(350) 2.6405 – 2.6415 (400) 2.8405 – 2.8415
Main cap press:	.004" - .005"
Main caps:	Steel - 4 bolt #2, #3, #4 / 2 bolt frt & rear
Oil system:	Wet or Dry Sump - Main Priority Oiling
Oil Pump shaft:	BBC shaft with wet sump
Oil Filter:	No provision
Oil Pan:	Pan rails spread .400" each side Oil Pan Gasket Fel Pro 1839
Rear Main Seal	350 main - std seal / 400 main - Fel-Pro# 2909
Serial No.	Left front & main caps
Starter:	Mounts on either side
Studs holes, Head:	Blind holes
Timing chain/gears	Must use raised cam components
Timing Cover:	Can use stock cover / Mag w/fuel pump provision avail.
Torque Specs:	3/8" bolts - 40 ft lbs
	7/16" studs - 75 ft lbs
	7/16" bolts - 65 ft lbs
	1/2" studs - 100 ft lbs
Weight:	195 lbs @ 4.125" bore