

Dart Race Series BBC Iron Block 10.600 – 11.100

Part#	31282465 thru 31293875
Material:	Superior iron alloy
Bore:	4.500" - 4.600" with 4.840" bore space 4.600" - 4.700" with 4.900" bore space
Bore Spacing:	4.840" & 4.900"
Bore & stroke:	4.700" x 5.500" max recommended
Cam bearing bore ID:	2.250"
Cam Journal OD:	2.125"
Cam bearings:	Special coated, grooved, w/3 oil holes
Cam Bearing O.S.	+ .010", +.020", +.030"
Cam bearing press:	.002"
Camshaft position:	Raised .600"
Cam Drive:	DRCE II Timing chain, Gear drive or Belt drive
Cam Plug:	2.500" dia. Pioneer# EPS-191-10
Cubic inch:	750" max recommended
Cylinder Wall Thickness:	.300" min @ 4.700" bore
Deck Height:	10.600" & 11.100"
Deck Thickness:	Adequate for all applications
Fuel Pump:	Mechanical pump provision
Fuel Pump Pushrod:	9.136 OAL (Moroso 22072)
Freeze Plugs:	Press in cup plugs
Inner Head stud:	2 or 4 slotted bosses per side
Lifter Bores:	BBC .903" dia.
Lifter Boss:	Raised .350" for longer lifter bore
Lifter type:	Roller or Gen VI (+.300 longer), Solid – Mark IV
Main bearing size:	Standard BBC
Main bearing bore:	2.937" – 2.938"
Main caps:	Steel Billet - 4 bolt, all
Main cap register:	Deep stepped register on each side (No need for dowels)
Main cap press:	.004"-.005"
Main cap Bolts:	All are 4-bolt ½", #2, #3, #4 have splayed outer bolts
Oil Galley, main:	Stepped, 9/16" - ½" - 7/16"
Oil Galley, filter-main:	5/8"
Oil Filter:	Relocated Oil Filter location
Oil Pan:	Donovan pan bolt pattern (spread pan rails .750")
Oil Pump Shaft:	Moroso #22072 (Overall length 7.353")
Oil System:	Wet or Dry Sump - Main Priority Oiling
Rear Main Seal:	Std 2 pc seal / Fel-Pro# 2918
Rear Main thrust width:	1.622"- 1.624"
Serial Number:	On main caps
Starter:	Mounts in standard location
Stud holes, Head:	Blind holes
Timing chain/gears:	DRCE (+.600")
Timing Cover:	DRCE
Torque Specs:	All ½" bolts - 100 lbs
Weight:	11.100" /4.600" bore - 327 lb