



Dart

Platinum 230 SBC 23° Aluminum Cylinder Head

Part#	11710040P thru 11820040P
Material:	355T6 Alum alloy
Comb Chambers:	64cc & 72cc
Intake Valve Dia:	2.08"
Intake Port volume:	230cc
Intake Port Dim:	2.225" x 1.245"
Int Port Location:	Stock
Intake Gasket:	Fel-Pro# 1206
Exh Valve Dia.:	1.600"
Exh Port volume:	75cc
Exhaust Port Dim:	1.370" x 1.430" w
Exh Port Location:	Stock location & bolt pattern
Exhaust Gasket:	Fel-Pro# 1405
Flow, Intake:	308cfm @ .700" lift / 28"
Flow, Exhaust:	207cfm @ .700" lift / 28"
Head Bolts:	Stock bolts can be used. We recommend ARP# 134-3601
Head Studs:	ARP# 134-4001 or 234-4301 (12pt)
Manifold:	Alum Single Plane Dart (opening - 1.100"x 2.000") 5.500" tall
Milling:	Min. 58cc = .060" (.0065" = 1cc) Flat Mill Angle mill .125" safely / .200" = 49cc 1.5° (carefully)
Pistons:	Most 23° aftermarket pistons.
Push Rod length:	Stock thru +.100" Should always measure (Stock length = 7.800")
Push rod Guide Plate:	Must use Comp Cam # 4808 (flat)
Retainers:	Steel 10° (+.050" lock & retainer)
Spark Plug:	Angle or straight, .750" reach, gasketed, Autolite AR3933
Spring Pockets:	1.550" OD (.030" deeper max)
Springs:	Our Assembly: 1.437D = 130# @ 1.800" / .620" max Comp 987 1.550D = 195# @ 1.900" / .690" max Comp 954
Valve Length:	5.015" (+.100") (std 4.890" w/1.437)
Valve Stem Dia:	.3415" - 11/32"
Valve Train:	Std SBC 3/8" or 7/16" stud mount
Valve Guides:	1/2" OD Int = Mag-bronze Exh = Phos-bronze (.002" press)
Valve Guide length:	1.950"
Valve Guide clearance:	.0014" - .002" (with our .3415 dia. valve stem)
Valve Guide Spacing:	1.890" moved .030" from stock
Valve Seats:	Hardened Ductile Iron, .006" press
Valve Seat dim.	Int - 2.160" x 1.810" x .350" Exh - 1.650" x 1.350" x .350"
Valve Seat angles:	Int = 32° - 45° - 60° - 70° Exh = 37° - 45° - radius
Stud Girdle:	Use any standard girdle
Torque:	Head Bolts = 70 ft/lb Rocker Studs = 45 ft/lb Manifold = 35 ft/lb
Block Use:	Any SBC Iron or Aluminum
Weight:	23 lbs

9/19/2007