



Dart **Platinum 227 CNC SBC 23° Aluminum Cylinder Head**

Part#	11970040P
Material:	355-T61 Alum alloy
Comb Chambers:	66cc for 4.155" bore
Intake Valve Dia:	2.08"
Intake Port volume:	227cc
Intake Port Dim:	2.200" x 1.310"
Int Port Location:	Stock
Intake Gasket:	Fel-Pro# 1206
Exh Valve Dia.:	1.600"
Exh Port volume:	85cc
Exhaust Port Dim:	1.410" x 1.585" w
Exh Port Location:	Stock location & bolt pattern
Exhaust Gasket:	Fel-Pro# 1405
Flow, Intake:	309cfm @ .700" lift / 28"
Flow, Exhaust:	226cfm @ .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. 63cc = .020" (.0065" = 1cc) Flat Mill Angle mill .100" safely / .150" = 55cc (carefully)
Pistons:	Most 23° aftermarket pistons.
Push Rod length:	Stock thru +.100" Should always measure (Stock length = 7.800")
Push rod Guide Plate:	Dart guide plate 27001110
Retainers:	Titanium 10°
Spark Plug:	Angle .750" reach, gasketed, Autolite AR3933
Spring Pockets:	1.550" OD (.030" deeper max)
Springs:	Our Assembly: 1.550D = 195# @ 1.900" / .690" max Comp 954
Valve Length:	5.035" (+.100")
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 = Mag-bronze (.002" press)
Valve Guide length:	2.100"
Valve Guide clearance:	.0014" - .002" (with our .3415 dia. valve stem)
Valve Guide Spacing:	1.890" exhaust moved .030" from intake
Valve Seats:	Powder metal, .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° - 80° Exh = 37° - 45° - radius
Stud Girdle:	Retains standard SBC stud location. Recommended Dart PN # 64110002
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