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

Exh 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: Dart guide plate 27001110

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: 5.035” (+.100”) (std 4.935” 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: 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

9/19/2007