Dart *Platinum* 180 LT SBC 23° Aluminum Cylinder Head

Part#	11110010P - 11111112P
Material:	355T6 alum alloy
Comb Chambers:	58cc
Intake Valve Dia:	2.02”
Intake Port volume:	180cc
Intake Port Dim:	1.190”w x 2.075”h
Int Port Location:	Stock
Intake Gasket:	Mr. Gasket PN# 135G
Exh Valve Dia.:	1.600”
Exh Port volume:	75cc
Exhaust Port Dim:	1.410”w x 1.350”t
Exh Port Location:	Stock location & bolt pattern
Exhaust Gasket:	Fel-Pro# 1470
Flow, Intake:	257 cfm @ .500” lift / 28”
Flow, Exhaust:	172 cfm @ .500” lift / 28”
Head Bolts:	Dart PN# 66220011
Head Studs:	Dart PN# 66120011
Manifold:	LT style
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 should always measure
Push rod Guide Plate:	Not used, uses stock type self aligning rockers
	Note: If using standard rocker arms use guide plate PN# 27001410
Retainers:	Steel 7° with 1.250” springs, and Steel 10° with 1.437”
Spark Pug:	Angle .750” reach, gasket
Spring Pockets:	Cut for up to 1.550” diameter springs. Can cut .030” deeper max
Springs:	Our assembly: 1.250S = 120# @ 1.700” / .520” max
	1.437D = 130# @ 1.800” / .600” max
Valve Length:	STD 4.890”
Valve Stem Dia:	.3415” - 11/32”
Valve Train:	STD SBC 3/8” or 7/16” stud mount
Valve Guides:	.439” Outside diameter Int. and 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” moved .030” from stock
Valve Seats:	Powdered 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:	N/A
Torque:	Head bolts = 70 ft/lb
	Rocker studs = 55 ft/lb
	Manifold = 35 ft/lb
Block Use:	LT style reverse cooling passages
Weight:	23 lbs. bare – 26 lbs. assembled