

**INTERNATIONAL HOT ROD ASSOCIATION
TECHNICAL INFORMATION FORM**

MAKE: Mopar Wedge DATE RELEASED:
1/3/03

BRAKE H.P. & DISP: 500ci / 430hp MODEL YEAR: 00/03 OPTION #: "Top Stock"

BORE & STROKE: 4.380 X 4.150 CAMSHAFT P/N: _____

COMPRESSION RATIO: NOMINAL 10.25 LIFTER TYPE: hydraulic roller
MAX: 10.25

CYL. HEAD VOLUME: In. 285cc Ex. 115 ROCKER ARM RATIO: OEM style 1.6 roller

HEAD GASKET THICKNESS: .035 total
(compressed)

DECK CLEARANCE (MIN): .035 total
(above or below)

COMB. CHAMBER VOL: 73cc
(max. comp. ratio may not be exceeded)

NOTE: Timing and lift specifications must be those found at the valve when checking clearances are set as specified below. On hydraulic cams give clearances to be used when checking MINIMUM cam with solid lifter.

PISTONS:

DESC: (flat,dish, dome) P4876453

DISPLACEMENT OF DISH, DOME: flat

HEIGHT OF DOME: _____

DEPTH OF DISH: _____

WEIGHT OF PISTON W/PIN: _____

TIMING:

INTAKE EXHAUST

CHECKING CL: 0 0

OPENS: _____

CLOSES: _____

OVERLAP: _____

DURATION: _____

LIFT: .530 .550

CYLINDER HEAD:

CASTING NUMBER: INDY 440-SR
Stage V Cast Iron: P4529993
Stage VI Aluminum: P4876818
P 52449579

VALVES:

HEAD DIAMETER: 2.190 1.810

ANGLE OF SEAT/FACE: 45 45

VALVE STEM DIAMETER .341

INDUCTION:

TYPE: single 4 bbl

SPRINGS:

OUTER CLOSED: dual with damper 1.55 OD
P5249848

MAKE: OEM Holley Type

OUTER OPEN: _____

INNER CLOSED: _____

INT. MAN. CASTING #: M-1

INNER OPEN: _____

MATERIAL OF INTAKE: cast alum

Accepted Pistons: Ross 76859, Mopar P5007629, P4876453

CARB OR FUEL INJECTION: 850 cfm_max