

**INTERNATIONAL HOT ROD ASSOCIATION
TECHNICAL INFORMATION FORM**

MAKE: Buick DATE RELEASED: 4-12-2010

BRAKE H.P. & DISP: 455 / 395 Stage 1 MODEL YEAR: 70-72 OPTION #: CM Stk

BORE & STROKE: 4.3125 X 3.90 CAMSHAFT P/N: _____

COMPRESSION RATIO: NOMINAL 11 to 1 LIFTER TYPE: Hydraulic
MAX: _____

CYL. HEAD VOLUME: In 247 cc Ex 153 cc ROCKER ARM RATIO: 1.60 roller

HEAD GASKET THICKNESS: .030 total
(compressed)

DECK CLEARANCE (MIN): ***
(above or below)

COMB. CHAMBER VOL: 55.5cc
(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) 2 individual valve reliefs

DISPLACEMENT OF DISH, DOME: _____

HEIGHT OF DOME: _____

DEPTH OF DISH: _____

WEIGHT OF PISTON W/PIN: _____

TIMING:

INTAKE

EXHAUST

CHECKING CL: 0 0

OPENS: _____

CLOSES: _____

OVERLAP: _____

DURATION: _____

LIFT: 548 548

CYLINDER HEAD: # 1231786 cast iron
X-1231786-A aluminum

CASTING NUMBER: _____

MATERIAL: cast iron & aluminum

VALVES:

HEAD DIAMETER: 2.13 1.75

ANGLE OF SEAT/FACE: 45 45

INDUCTION:

TYPE: Carb 850 cfm max

MAKE: OEM Holley Type

INT. MAN. CASTING #: TA PERF SP-1 or SPX

MATERIAL OF INTAKE: Alum

CARB OR FUEL INJECTION: carb

OIL PAN: steel 7-8 quart pan

SPRINGS:

OUTER CLOSED: Dual Spring
1.550 OD

OUTER OPEN: _____

INNER CLOSED: _____

INNER OPEN: _____

Connecting Rod: TA 1632

Accepted Pistons: JE 117961
CP -B1-CP