

**INTERNATIONAL HOT ROD ASSOCIATION  
TECHNICAL INFORMATION FORM**

MAKE: Chevrolet LS-1 DATE RELEASED: 1/02

BRAKE H.P. & DISP: 350/320 LS-1 MODEL YEAR: 2000 OPTION #: top stock

BORE & STROKE: 3.900 X 3.625 CAMSHAFT P/N: \_\_\_\_\_

COMPRESSION RATIO: NOMINAL 10.2 LIFTER TYPE: Hyd. Roller  
MAX: \_\_\_\_\_

CYL. HEAD VOLUME: \_\_\_\_\_ ROCKER ARM RATIO: 1.7 Roller

HEAD GASKET THICKNESS: .052

DECK CLEARANCE (MIN): .015 (Above)  
(above or below)

COMB. CHAMBER VOL: 64.9  
(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) Flat

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: .500      .500

**CYLINDER HEAD:**

CASTING NUMBER: 806 853 241 339

MATERIAL: cast alum

**VALVES:**

HEAD DIAMETER: 2.00      1.550

ANGLE OF SEAT/FACE: 45      45

**INDUCTION:**

TYPE: FI

MAKE: GM 97040, 726178, 23949,  
2677D1, 23950

INT. MAN. CASTING #: 12560688 12561184  
12573572

MATERIAL OF INTAKE: cast alum

**SPRINGS:**

OUTER CLOSED: Single\_w damper

OUTER OPEN: \_\_\_\_\_

INNER CLOSED: \_\_\_\_\_

INNER OPEN: \_\_\_\_\_

*Accepted Pistons: Lunati LS-1, JE 169283, Ross 63184,  
Venolia LS-1, CP C-15 CP*

CARB OR FUEL INJECTION: FI 2.974 75mm TB