

**INTERNATIONAL HOT ROD ASSOCIATION
TECHNICAL INFORMATION FORM**

MAKE: Ford_Wedge_IHRA spec combo DATE RELEASED:
1/3/03

BRAKE H.P. & DISP: 514ci / 430hp MODEL YEAR: 00/03 OPTION #: "Top Stock"

BORE & STROKE: 4.360 X 4.300 CAMSHAFT P/N: _____

COMPRESSION RATIO: NOMINAL 10.50 LIFTER TYPE: hydraulic roller
MAX: 10.50

CYL. HEAD VOLUME: In. 295cc Ex. 145cc ROCKER ARM RATIO: OEM style 1.73 roller

HEAD GASKET THICKNESS: .035 total
(compressed)

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

COMB. CHAMBER VOL: 67 cc
(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) w/notches
M-6108-B514

DISPLACEMENT OF DISH, DOME: 28cc
TSK Flat Top

HEIGHT OF DOME: _____

DEPTH OF DISH: .180

WEIGHT OF PISTON W/PIN: _____

TIMING:

INTAKE

EXHAUST

CHECKING CL: 0 0

OPENS: _____

CLOSES: _____

OVERLAP: _____

DURATION: _____

LIFT: .530 .550

CYLINDER HEAD:

CASTING NUMBER: Kaase Design
M-6049-A429
M-6049-SCJ

HEAD DIAMETER: 2.250 1.760
ANGLE OF SEAT/FACE: 45 45
VALVE STEM DIAMETER .341

INDUCTION:

TYPE: single 4 bbl

MAKE: OEM Holley Type

INT. MAN. CASTING #: M-9424-H429

MATERIAL OF INTAKE: cast alum

CARB OR FUEL INJECTION: 850 cfm_max

SPRINGS:

OUTER CLOSED: Dual with damper 1.55 OD

OUTER OPEN: _____

INNER CLOSED: _____

INNER OPEN: _____