

KEN HILL 1.9 liter BLUEPRINT RECORD

DATE: 1/14/16

ENGINE: Mazda BP

BORE:

STROKE:

DISPLACEMENT:

3.308

3.346

1.9 Liter

PISTON-TO-WALL CLEARANCE:

CYLINDER NO.	1	2	3	4
BORE DIAMETER	3.308	3.308	3.308	3.308
CLEARANCE	.003	.003	.003	.003

PISTON-TO-HEAD CLEARANCE:

CYLINDER NO.	1	2	3	4
HEAD GASKET THICKNESS	.040			
PISTON DECK HEIGHT	.018			
TOTAL CLEARANCE	.058			

PISTON DOME +2.5 cc

COMPRESSION RATIO: 9.5

MAIN BEARING CLEARANCE:

JOURNAL NO.	1	2	3	4	5
CLEARANCE	.0025	.0025	.0025	.0025	.0025

FASTENER TORQUE:

(ARP STUD) 60 Lb/Ft

ROD BEARING CLEARANCE:

JOURNAL NO.	1	2	3	4
CLEARANCE	.003	.003	.003	.003