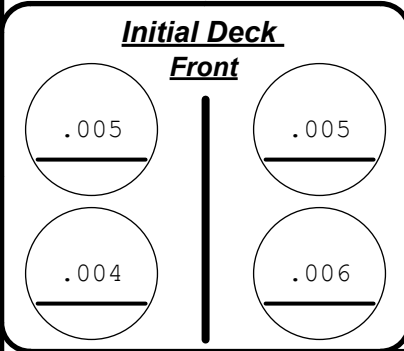


Customer: _____ W/O: 14628

Date: 6/5/23 Engine: LS 6.2 Balance #: 5130

Bore: 4.065 Stroke: 3.622 #Cyls: 8 Cubic Inch: 376



Rod Side Clearance
Journal 1: .014
Journal 2: .012
Journal 3: .015
Journal 4: .014

Material Removed (mill)
Manifold Side: _____
Intake Side: _____
Head Surface: _____
End Rails: _____
FINAL DECK: 0.005

Motor Assembled By
Mike

Ring Brand: hasting #3m5292 Ring Size: 1.5*1.5*2.5 Cyl Finish: Diamond

Ring Gap Top: .020 [] Cast [] Chrome [] [X] [] P/W: .0025 @ pin / pattern
2nd: .022 [] Moly [X] AP W/Plates W/O W/Studs

CamShaft: cam Motion 03-01-0117
@ 050
OPEN | CLOSE
INT 1 | 38 | 219
EXT 60 | -8 | 232
C/L: 116.25
INT C/L: 108.50 EXT C/L: 124.00

Lash Setting INT: hyd [] Cold
EXT: roller [] Hot

Bushing Position Deg: 0 [] Advance [] Retard

Valve Lift INT: 0.348 Valve Lift INT: 0.5916
@ Cam: EXT: 0.348 @ Rocker: EXT: 0.5916

Valve to Piston Clearance Flycut
Before No Lash [] Deck .005 Head CC Int Drop _____ INT _____ Rocker 1.70 INT _____
W/Gasket [] C/L 108.5 Ext Drop _____ EXT _____ Rocker 1.70 EXT _____

Valve to Piston Clearance
After No Lash [] Deck 0.005 Head CC Int Drop _____ INT _____ Rocker 1.7
W/Gasket [] C/L 108.5 Ext Drop _____ EXT _____ Rocker _____

#	Rods	Oil CLR.
1	2.0988	0.0017
2	2.0988	0.0018
3	2.0988	0.0017
4	2.0988	0.0018
5	2.0986	0.0019
6	2.0986	0.0020
7	2.0987	0.0019
8	2.0987	0.0018

#	Mains	Oil CLR.
1	2.5586	0.0019
2	2.5586	0.0018
3	2.5584	0.0021
4	2.5587	0.0018
5	2.5585	0.0020

Compression Ratio		
#	Before	After
Head		71.00
Deck	1.06	1.06
Gasket		9.70
Dome		
Dish		
T.D.C	1.06	81.76
1 Cly	770.31	770.31
Final C/R	725.40	10.42

Bearing: GM / reuse [] std [] Coated []
Torqued @ 15+85deg Ft/Lb. Oil Moly EPL #3 [X] [] []

Bearing: GM / reuse [] std [] Coated []
Torqued @ 15+80deg Ft/Lb. (in) Torqued @ Side
Torqued @ 15+53deg Ft/Lb. (out) 18
Crank End Play .006 Oil [X]
Cam End Play plate Moly [] EPL #3 []

Block: GM LS3 6.2 alum

Crankshaft: STK 58 reluctor

Pistons: STK FT #81222A

Pins: Stk 943 floater wire lock

Heads: Stk 821 RECT port

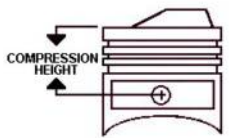
Rods: Stk

Lifters: johnson #2110R .035 preload

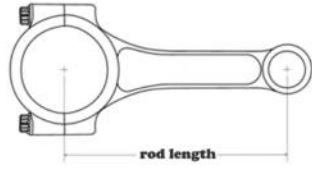
Rockers: Stk W/ trunnion lit

Int Manifold: n/a

<u>Piston Pocket Drops</u>		<u>Pushrod Length</u>	
Int: 0	Int: 7.350	DIA: 5/16	
Ext: 0	Ext: 7.350	DIA: 5/16	



COMPRESSION HEIGHT



rod length

Piston C/D: 1.330 **Rod Length:** 6.098

Head Torque: 80 Ft/Lb.

Bolts Oil

Studs Moly

Oil With Filter

6

Valve Brand: stk

Int DIA: 2.165 **Stem:** 8mm

Ext DIA: 1.590 **Stem:** 8mm

Spark Plug:

GAP:

Valve Drops	#1	#3	#5	#7
INT	-111	-109	-108	-110
EXT	-138	-137	-138	-139

Spring PSI

1.785 @ 140 lbs

1.185 @ 380 lbs

Bind @ 1.090

Valve Drops	#2	#4	#6	#8
INT	-110	-113	-113	-112
EXT	-140	-142	-142	-144

Notes:

4 bump cam gear
 new m295hv oil pump
 lifter prload .035int .035ext
 smoke good perlube