

Stock to compare

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: GEN 1 STOCK

Event	
a (EX)	240
b(IN)	248
c(IO)	7
d(IC)	61
e(EC)	9
f(EO)	51
g*(EX)	0.365
h*(IN)	0.396
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL

* GROSS LIFT

Stock to compare

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: GEN 2 STOCK

Event	
a (EX)	240
b(IN)	240
c(IO)	3
d(IC)	57
e(EC)	9
f(EO)	51
g*(EX)	0.365
h*(IN)	0.365
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL

* GROSS LIFT

Stock to compare

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: GEN 3 STOCK

Event	
a (EX)	240
b(IN)	232
c(IO)	-1
d(IC)	53
e(EC)	9
f(EO)	51
g*(EX)	0.365
h*(IN)	0.340
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL

* GROSS LIFT

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: ASER1-990S3

Event	S3
a (EX)	260
b(IN)	260
c(IO)	13
d(IC)	67
e(EC)	19
f(EO)	61
g*(EX)	.442"
h*(IN)	.442"
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL

* GROSS LIFT

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: ASER1-990S4

Event	S4
a (EX)	266
b(IN)	266
c(IO)	16
d(IC)	70
e(EC)	22
f(EO)	64
g*(EX)	.464"
h*(IN)	.464"
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL

* GROSS LIFT

JWT SR20 CAMSHAFTS

AVAILABLE FOR FWD & RWD, INCLUDING VTC

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: ASER1-0S4HL

Event	S4 HL
a (EX)	266
b(IN)	266
c(IO)	16
d(IC)	70
e(EC)	22
f(EO)	64
g*(EX)	.488"
h*(IN)	.488"
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL

* GROSS LIFT

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: ASER1-0S3HL

Event	S3 HL
a (EX)	260
b(IN)	260
c(IO)	13
d(IC)	67
e(EC)	19
f(EO)	61
g*(EX)	.457"
h*(IN)	.457"
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL

* GROSS LIFT

ENGINE TYPE: SR20DE

CAM TIMING SPEC. FOR: Exhaust SR S5, Intake SR S5

Event	Crk. Deg. / Lift	Exhaust SR S5	Intake SR S5
a (EX)	281.0		
b(IN)	281.0		
c(IO)	23.6		
d(IC)	77.5		
e(EC)	29.5		
f(EO)	71.5		
g*(EX) Lift	0.502" / 12.8mm		
h*(IN) Lift	0.502" / 12.8mm		
I Lobe Cent.	117		
E Lobe Cent.	111		

COLD VALVE LASH +/- .001":
Int. Lash 0" / 0mm
Exh. Lash 0" / 0mm

Exh. at .050"= 221.5
Int. at .050"= 221.5

Event Lift = 0.0038" / 0.097mm

MUST USE JWT SPRINGS

CAUTION: BELOW CAMS REQUIRE JWT SPRING KITS

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: ASER1-C10C1

Event	C1
a (EX)	264
b(IN)	264
c(IO)	15
d(IC)	69
e(EC)	21
f(EO)	63
g*(EX)	0.476"
h*(IN)	0.476"
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL
MUST USE JWT SPRINGS

* GROSS LIFT

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: ASER1-C20C2

Event	C2
a (EX)	275
b(IN)	275
c(IO)	20.5
d(IC)	74.5
e(EC)	26.5
f(EO)	68.5
g*(EX)	0.500"
h*(IN)	0.500"
I L/C	117
E L/C	111

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL
MUST USE JWT SPRINGS

* GROSS LIFT

ENGINE TYPE: SR20DE HYDRAULIC

CAM TIMING SPEC. FOR: ASER1-C30C3

Event	C3
a (EX)	285
b(IN)	285
c(IO)	27.5
d(IC)	77.5
e(EC)	33.5
f(EO)	71.5
g*(EX)	.526"
h*(IN)	.526"
I L/C	115
E L/C	109

COLD VALVE LASH:
INT NA
EXH NA

USE FACTORY MANUAL
MUST USE JWT SPRINGS

* GROSS LIFT

CAUTION: BELOW ARE FOR MECHANICAL LASH TYPE SR20 ENGINES ONLY

Stock to compare

ENGINE TYPE: SR20DE MECHANICAL

CAM TIMING SPEC. FOR: GTIR STOCK

Event	STOCK
a (EX)	248
b(IN)	248
c(IO)	14
d(IC)	54
e(EC)	8
f(EO)	60
g*(EX)	0.411"/10.43MM
h*(IN)	0.411"/10.43MM
I L/C	110
E L/C	116

COLD VALVE LASH:
INT** .008"-.010"
EXH** .008"-.010"

USE FACTORY MANUAL

** 121/2010 @ VALVE DEGREES MEAS. @ .0185" LASH

* GROSS LIFT

ENGINE TYPE: SR20DE MECHANICAL

CAM TIMING SPEC. FOR: AGTIR-00S3M

Event	S3M
a (EX)	263
b(IN)	263
c(IO)	14.5
d(IC)	68.5
e(EC)	20.5
f(EO)	62.5
g*(EX)	0.462"/11.74mm
h*(IN)	0.462"/11.74mm
I L/C	117
E L/C	111

COLD VALVE LASH:
INT** .008"-.010"
EXH** .008"-.010"

USE FACTORY MANUAL

** COLD VALVE DEGREES MEAS. @ .010" LASH

* GROSS LIFT 206DEG. @ .050LIFT (.010" LASH)

ENGINE TYPE: SR20DE MECHANICAL

CAM TIMING SPEC. FOR: ASER1-00CGM

Event	C6M
a (EX)	314
b(IN)	314
c(IO)	45
d(IC)	89
e(EC)	51
f(EO)	83
g*(EX)	.553"/14mm
h*(IN)	.553"/14mm
I L/C	112
E L/C	106

COLD VALVE LASH:
INT** .008"-.010"
EXH** .008"-.010"

USE FACTORY MANUAL

** COLD VALVE DEGREES MEAS. @ .010" LASH (FOR CONVERTED HYD ENGINES ONLY)

* GROSS LIFT 256DEG. @ .050LIFT (.010" LASH)