



BTR 5.7 HEMI VVT STAGE I

GEN III 2009+ HEMI APPLICATIONS

INTAKE DURATION @.050"	212 °	ROCKER ARM RATIO	1.65 :1
EXHAUST DURATION @.050"	22X °	NET LIFT INTAKE	0.587 "
LOBE LIFT INTAKE	0.356 "	NET LIFT EXHAUST	0.584 "
LOBE LIFT EXHAUST	0.354 "	LOBE SEPARATION ANGLE	112 °
INTAKE LOBE LIFT @ T.D.C.	0.052 "		

REV.1

SEE TIMING CHAIN DIAGRAM AND HEMI RELATED TOOLS ON REVERSE SIDE

VVT LIMITER REQUIRED:	BTR-VVT-HEMI-8CAM	ACTUAL SPECS MAY VARY*
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VVT TARGET TABLE

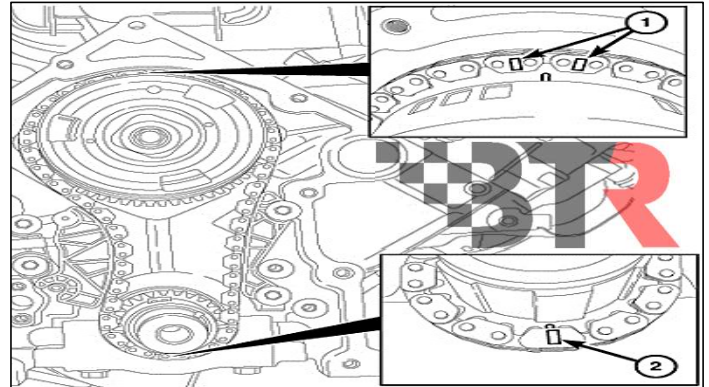
RPM	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
VVT CRANK DEG	0.0	2.5	5.0	7.0	9.0	10.5	12.0	13.0	14.0	15.0	16.0	16.0	16.0

HEMI VALVETRAIN TOOLS

PART NUMBER	DESCRIPTION
BTR-VVT-Hemi-Tool	HEMI VVT LIMITER INSTALLATION TOOL
BTRHemiSpringTool	HEMI VALVE SPRING COMPRESSOR TOOL

HEMI TIMING CHAIN ORIENTATION

- (1) THE DOUBLE MARKED LINK OF THE CHAIN MATCHED TO THE CAMSHAFT SPROCKET MARK (TWELVE O' CLOCK POSITION).
- (2) THE SINGLE MARKED CHAIN LINK MUST BE ALIGNED TO THE TIMING MARK ON THE CRANKSHAFT GEAR (SIX O' CLOCK POSITION).



TORQUE SPECIFICATIONS

CAMSHAFT PHASER BOLT	72 FT/LBS
CAMSHAFT RETAINER PLATE BOLT	106 INCH/LBS

FOR MORE SPECS AND TECHNICAL INFO
SCAN THE QR CODE OR VISIT:
BRIANTOOLEYRACING.COM/TECHNICAL

