

LINGENFELTER

P E R F O R M A N C E E N G I N E E R I N G

Camshaft:

GT1-1

LPE part #: L210075297

Engine(s): GM Gen III & IV V8 engines except Displacement On Demand (DOD) & camshaft phaser applications
Firing order: 1-8-7-2-6-5-4-3 (per standard GM V8 cylinder numbering)

	Intake	Exhaust			
Valve adjustment:	HYD	HYD			
Lobe lift (inches):	0.370	0.370			
Valve lift (inches):	0.629	0.629	with	1.7	rocker ratio
Valve lift (inches):	0.666	0.666	with	1.8	rocker ratio
Duration @ 0.006":	276	303			
Duration @ 0.050":	229	242			
Lobe Separation Angle (LSA):	114.5				
Degrees of advance:	0.0				
Valve timing @ 0.050" tappet lift:		Opening		Closing	
	Intake	0.0 BTDC		49.0 ABDC	
				Overlap angle	6.6
	Exhaust	55.6 BBDC		6.6 ATDC	

These specs are with cam installed at: 114.5 intake center line 114.5 exhaust center line

Recommended installation angle: 114.5 (intake center line angle)

Recommended valve springs: LSx double valve spring kit with titanium retainers (PN L230075897) 1.7 or 1.8:1 rocker applications
 Comp Cams 26921 valve springs (26921-KIT) 1.7:1 rocker applications
 LPE LPE beehive LSx spring set (PN L230055297) 1.7:1 rocker applications

Notes: LPE recommends thoroughly cleaning the camshaft and liberally applying engine assembly lube prior to installation.
 LPE also recommends checking for proper pushrod length when installing a new camshaft.
 Most 2006-2013 Gen IV engines use a single bolt camshaft. These engines will need an installation kit from LPE.
 This camshaft is ground with 0 advance so no offset bushing or adjustable timing gear should be needed for proper installation.
 LPE recommends always degreasing in the camshaft to confirm the camshaft location.