

# LINGENFELTER

## PERFORMANCE ENGINEERING

**Camshaft:**

**GT19**

LPE part #: L210116006

**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)

	<b>Intake</b>	<b>Exhaust</b>			
<b>Valve adjustment:</b>	HYD	HYD			
<b>Lobe lift (inches):</b>	0.376	0.382			
<b>Valve lift (inches):</b>	0.639	0.649	<b>with</b>	1.7	<b>rocker ratio</b>
<b>Valve lift (inches):</b>	0.677	0.688	<b>with</b>	1.8	<b>rocker ratio</b>
<b>Duration @ 0.006":</b>	277	289			
<b>Duration @ 0.050":</b>	227	239			
<b>Lobe Separation Angle (LSA):</b>	114.0				
<b>Degrees of advance:</b>	0.0				
<b>Valve timing @ 0.050" tappet lift:</b>		<b>Opening</b>		<b>Closing</b>	
	<b>Intake</b>	-0.5 BTDC		47.5 ABDC	
					<b>Overlap angle 5.0</b>
	<b>Exhaust</b>	53.5 BBDC		5.5 ATDC	

**These specs are with cam installed at:** 114.0 intake center line 114.0 exhaust center line

**Recommended installation angle:** 114 (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 or 1.8:1 rocker applications  
 Ferrea S99100 1.7 or 1.8:1 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 (except the LS7). 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.

