



Part Number: 63461

Engine Application: CIVIC EX D17 A2  
Grind Number: VTEC SINGLE CAM

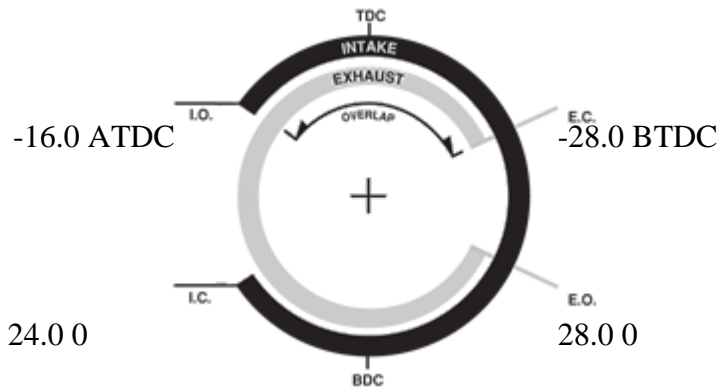
**ADVERTISED CAMSHAFT SPECIFICATIONS:**

INTAKE: Duration: 234° Lift: .369 Clearance Hot: .006  
EXHAUST: Duration: 228° Lift: .361 Clearance Hot: .008

The specifications listed above are based on a rocker arm ratio of 1.70 IN  
1.90 EX

**RECOMMENDED VALVE SPRING INFORMATION:**

Part Number:  
Approximate spring pressure: valve closed: LBS.  
valve open: LBS.



Timing Events	
The information below is for degreing cam only. Correct only at .050" tappet lift.	
INTAKE	Opens: -16.0 0 Closes: 24.0 0
EXHAUST	Opens: 28.0 0 Closes: -28.0 0
LOBE SEPARATION 114°	
Duration at .050"	Intake: 188 Exhaust: 180
LOBE LIFT	Intake: .217 Exhaust: .190

4 degrees of advance have been ground into this Camshaft.  
If using "Lobe Center" method of degreing, cam should be installed on an intake centerline of: 110

**NOTES:**  
B1796 B1804 DJ

Cams damaged by excessive spring pressure, over shimming, valve train bind or retainers contacting the guides are void from warranty. Refer to the "Important Camshaft and Lift Information" booklet included with each new Crower camshaft to avoid any break-in problems.