

**Brand:** COMP Cams  
**Manufacturer's Part Number:** CL21-232-4  
**Part Type:** Camshaft Kits  
**Product Line:** COMP Cams Xtreme Energy Cam and Lifter Kits  
**Summit Racing Part Number:** CCA-CL21-232-4  
**UPC:** 036584080459  
**Cam Style:** Mechanical flat tappet  
**Basic Operating RPM Range:** 2,500-6,500  
**Intake Duration at 050 inch Lift:** 244  
**Exhaust Duration at 050 inch Lift:** 252  
**Duration at 050 inch Lift:** 244 int./252 exh.  
**Advertised Intake Duration:** 282  
**Advertised Exhaust Duration:** 290  
**Advertised Duration:** 282 int./290 exh.  
**Intake Valve Lift with Factory Rocker Arm Ratio:** 0.520 in.  
**Exhaust Valve Lift with Factory Rocker Arm Ratio:** 0.540 in.  
**Valve Lift with Factory Rocker Arm Ratio:** 0.520 int./0.540 exh.  
**Lobe Separation (degrees):** 110  
**Camshaft Gear Attachment:** 1-bolt  
**Intake Valve Lash:** 0.016 in.  
**Exhaust Valve Lash:** 0.018 in.  
**Grind Number:** XS282S  
**Computer-Controlled Compatible:** No  
**Lifters Included:** Yes  
**Lifter Style:** Mechanical flat tappet  
**Valve Springs Included:** No  
**Retainers Included:** No  
**Locks Included:** No  
**Valve Stem Seals Included:** No  
**Timing Chain and Gears Included:** No  
**Assembly Lubricant Included:** Yes  
**Pushrods Included:** No  
**Rocker Arms Included:** No  
**Gaskets Included:** No  
**Valve Springs Required:** Yes  
**Quantity:** Sold as a kit.  
**In-Store Pickup:** Choose In-store pick-up (OH, NV, GA, TX) on our web site.

235-245 @ 050