

### Callies Finish Ground Cam List - LS1 3-Bolt

Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration		Cam Lift		Valve Lift		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	
<b>LS1 3-Bolt 55mm Hydraulic Roller</b>															<b>Stock Bottom End</b>
180-009	HR	210	218	261	266	0.325	0.325	0.553	0.553	108 + 3	105	111	0.085	0.075	Cathedral Port - SBE
180-010	HR	214	222	265	270	0.325	0.325	0.553	0.553	110 + 3	107	113	0.085	0.075	Cathedral Port - SBE
180-011	HR	218	226	269	274	0.325	0.325	0.553	0.553	112 + 3	109	115	0.085	0.075	Cathedral Port - SBE
180-012	HR	222	230	273	278	0.325	0.325	0.553	0.553	114 + 3	111	117	0.085	0.075	Cathedral Port - SBE
180-019	HR	216	228	267	277	0.368	0.368	0.626	0.626	108 + 2	106	110	0.092	0.102	Rectangular Port - SBE
180-020	HR	220	232	271	281	0.368	0.368	0.626	0.626	110 + 2	108	112	0.092	0.102	Rectangular Port - SBE
180-021	HR	224	236	275	285	0.368	0.368	0.626	0.626	112 + 2	110	114	0.092	0.102	Rectangular Port - SBE
180-022	HR	228	240	279	289	0.368	0.368	0.626	0.626	114 + 2	112	116	0.092	0.102	Rectangular Port - SBE
Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .006)		Cam Lift		Valve Lift w/1.7 Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
<b>LS1 3-Bolt 55mm Hydraulic Roller</b>		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	
180-001	HR	212	218	265	271	0.325	0.325	0.553	0.553	113 + 2	111	115	0.037	0.035	
180-038	HR	212	222	268	278	0.325	0.325	0.553	0.553	116 + 3	113	119	0.033	0.032	
180-023	HR	214	222	270	278	0.353	0.353	0.600	0.600	111 + 3	108	114	0.047	0.043	
180-052	HR	216	226	272	282	0.325	0.325	0.553	0.553	116 + 5	111	121	0.042	0.032	
180-040	HR	217	234	293	310	0.341	0.341	0.580	0.580	120 + 4	116	124	0.034	0.036	
180-002	HR	218	224	271	277	0.325	0.325	0.553	0.553	113 + 3	110	116	0.047	0.039	
180-057	HR	218	226	269	274	0.325	0.325	0.553	0.553	108 + 3	105	111	0.062	0.055	
180-024	HR	218	230	274	286	0.353	0.353	0.600	0.600	111 + 4	107	115	0.056	0.050	
180-042	HR	220	226	296	282	0.353	0.353	0.600	0.600	115 + 4	111	119	0.048	0.036	
180-041	HR	220	234	276	290	0.350	0.345	0.595	0.587	118 + 4	114	122	0.040	0.038	
180-025	HR	222	234	278	290	0.353	0.353	0.600	0.600	112 + 2	110	114	0.053	0.058	
180-014	HR	222	238	273	287	0.368	0.368	0.626	0.626	109 + 4	105	113	0.069	0.069	
180-003	HR	224	230	277	283	0.325	0.325	0.553	0.553	111 + 2	109	113	0.059	0.056	

Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration		Cam Lift		Valve Lift		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
180-043	HR	226	232	282	310	0.353	0.353	0.600	0.600	115 + 4	111	119	0.056	0.043	
180-015	HR	226	242	277	291	0.368	0.368	0.626	0.626	111 + 4	107	115	0.069	0.069	
180-029	HR	226	246	282	320	0.353	0.360	0.600	0.612	116 + 6	110	122	0.058	0.053	
180-044	HR	227	237	285	295	0.365	0.355	0.621	0.604	113 + 4	109	117	0.062	0.054	
180-055	HR	230	242	286	309	0.353	0.355	0.600	0.604	111 + 5	106	116	0.077	0.061	
180-016	HR	230	246	281	295	0.368	0.368	0.626	0.626	113 + 4	109	117	0.069	0.069	
180-045	HR	232	242	333	343	0.380	0.380	0.646	0.646	117 + 5	112	122	0.646	0.646	
180-056	HR	232	244	288	311	0.360	0.356	0.612	0.605	115 + 5	110	120	0.068	0.053	
180-046	HR	232	248	288	315	0.360	0.355	0.612	0.604	118 + 5	113	123	0.059	0.050	
180-007	HR	232	249	299	323	0.363	0.353	0.617	0.600	120 + 5	115	125	0.055	0.048	
180-047	HR	234	239	310	316	0.360	0.358	0.612	0.609	115 + 4	111	119	0.065	0.051	
180-026	HR	234	248	301	322	0.362	0.362	0.615	0.615	112 + 4	108	116	0.078	0.071	
180-017	HR	234	250	285	299	0.368	0.368	0.626	0.626	115 + 4	111	119	0.069	0.069	
180-048	HR	236	248	288	315	0.366	0.355	0.622	0.604	112 + 4	108	116	0.062	0.069	
180-030	HR	236	250	292	317	0.355	0.362	0.604	0.615	114 + 4	110	118	0.074	0.066	
180-031	HR	236	256	292	330	0.355	0.355	0.604	0.604	117 + 7	110	124	0.074	0.060	
180-018	HR	238	254	289	303	0.368	0.368	0.626	0.626	117 + 4	113	121	0.069	0.069	
180-032	HR	240	252	307	326	0.360	0.367	0.612	0.624	114 + 2	112	116	0.075	0.078	
180-033	HR	240	256	307	330	0.355	0.355	0.604	0.604	114 + 4	110	118	0.082	0.077	
180-027	HR	242	254	309	328	0.362	0.362	0.615	0.615	111 + 3	109	113	0.088	0.089	
180-049	HR	242	258	309	316	0.362	0.355	0.615	0.604	113 + 3	110	116	0.085	0.087	
180-034	HR	242	260	309	334	0.355	0.355	0.604	0.604	114 + 3	111	117	0.082	0.086	
180-050	HR	244	258	302	316	0.365	0.355	0.621	0.604	118 + 5	113	123	0.077	0.065	
180-035	HR	246	260	298	334	0.366	0.370	0.622	0.629	114 + 4	110	118	0.094	0.083	

Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration		Cam Lift		Valve Lift		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
180-059	HR	246	260	298	334	0.366	0.370	0.622	0.629	108 + 2	106	110	0.109	0.109	
180-036	HR	248	260	315	334	0.355	0.355	0.604	0.604	114 + 4	110	118	0.095	0.083	
180-028	HR	250	264	317	338	0.362	0.362	0.615	0.615	114 + 4	110	118	0.098	0.089	
180-037	HR	250	264	319	338	0.370	0.370	0.629	0.629	114 + 4	110	118	0.097	0.089	
180-060	HR	258	272	332	346	0.366	0.370	0.622	0.629	108 + 2	106	110	0.120	0.129	
180-051	HR	260	270	328	343	0.382	0.382	0.649	0.649	109 + 4	105	113	0.130	0.115	
Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .020)		Cam Lift		Valve Lift w/1.7 Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
<b>LS1 3-Bolt 55mm Solid Roller</b>		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust			Intake	Exhaust	Intake	
180-062	SR	251	267	280	295	0.382	0.375	0.649	0.638	110 + 3.5	106.5	113.5	0.114	0.118	Procharger
180-013	SR	262	269	291	298	0.472	0.465	0.802	0.791	107 + 0	107	107	0.140	0.149	Dirt Track
180-054	SR	270	282	305	315	0.454	0.454	0.772	0.772	116 + 2	114	118	0.114	0.119	Turbo Cam
180-063	SR	278	294	308	326	0.485	0.485	0.825	0.825	114.5 + 6.5	108	121	0.166	0.134	Procharger
Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .020)		Cam Lift		Valve Lift w/1.7 Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
<b>LS1 3-Bolt 60mm Solid Roller</b>		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust			Intake	Exhaust	Intake	
180-004	SR	260	280	293	308	0.420	0.430	0.714	0.731	113 + 0	113	113	0.101	0.145	NA Drag Race Cam
180-005	SR	260	280	290	311	0.420	0.430	0.714	0.731	113 + 0	113	113	0.101	0.135	NA Drag Race Cam
180-008	SR	271	274	300	306	0.522	0.525	0.887	0.893	115.5 + .5	115	116	0.122	0.122	Turbo Cam
180-061	SR	278	284	311	317	0.500	0.525	0.850	0.893	117 + 0	117	117	0.126	0.138	Turbo Cam
180-006	SR	281	284	310	316	0.522	0.525	0.887	0.893	115.5 + .5	115	116	0.145	0.143	Turbo Cam
180-039	SR	285	316	314	348	0.550	0.555	0.935	0.944	120 + .4	116	124	0.150	0.177	Nitrous Cam
Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .020)		Cam Lift		Valve Lift w/1.9 Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
<b>LS1 3-Bolt 55mm CID LS-CR Head</b>		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust			Intake	Exhaust	Intake	
182-001	SR	268	282	299	312	0.485	0.485	0.922	0.922	115 + 0	115	115	0.107	0.148	NA Drag Race Cam
182-003	SR	271	292	302	322	0.485	0.485	0.922	0.922	116.5 + 1.5	115	118	0.113	0.152	NA Drag Race Cam
182-002	SR	278	292	309	322	0.485	0.485	0.922	0.922	115 + 0	115	115	0.128	0.165	NA Drag Race Cam