

1983 HURST/OLDS CAMSHAFT SPECIFICATIONS

FRONT VIEW

MAKE FROM CASTING 401348

INSPECTION ANGLES

ZERO AT $\frac{1}{2}$ OF DOWEL

INT. OPENING LIFT - .10892

INT. CLOSING LIFT - .10873

EXH. OPENING LIFT - .13670

EXH. CLOSING LIFT - .12295

ANGLE AT SPECIFIED LIFT

MAY VARY $\pm 0.333^\circ$

CAM	MAX. LIFT	OPENS	CLOSES
#1 INT.	14°	334°	54°
#2 INT.	53°	13°	99°
#1 EXH.	265°	225°	305°
#2 EXH.	304°	264°	344°
#3 INT.	149°	109°	189°
#4 INT.	188°	148°	228°
#3 EXH.	40°	0°	80°
#4 EXH.	79°	39°	119°
#5 EXH.	130°	90°	170°
#6 EXH.	169°	129°	209°
#5 INT.	239°	199°	279°
#6 INT.	278°	238°	318°
#7 EXH.	175°	135°	215°
#8 EXH.	34°	354°	74°
#7 INT.	284°	244°	324°
#8 INT.	143°	103°	183°

MEASURE CAM LIFTS WITH CYLINDRICAL FACE FOLLOWER WITH AXIS OF CYLINDER AT 90° TO AXIS OF CAMSHAFT. CYLINDRICAL FACE OF FOLLOWER .96 (MIN.) LONG. FOLLOWER MUST BE RESTRAINED FROM ROTATION ABOUT ITS TRANSLATING AXIS.

CAM LOBE BASE CIRCLES MUST BE CONCENTRIC WITH ADJACENT JOURNALS WITHIN .0010 TOTAL INDICATOR READINGS. CAM LIFTS MUST BE WITHIN .0015 OF SPECIFIED LIFT AND MUST NOT VARY FROM SPECIFIED RATE BY MORE THAN .0010 IN 10 DEGREES. RAMP LIFTS MUST BE WITHIN .0010 OF SPECIFIED LIFT AND MUST NOT VARY FROM SPECIFIED RATE BY MORE THAN .0005 IN 10 DEGREES.



SEE CAMSHAFT CHART 3041348 FOR SHIRT ASSIGNMENT AND GEAR DATA. (B SIDE)

3011348
1983
CAMSHAFT - Hurst
28519935

LIFTS DEVELOPED WITH FLAT FOLLOWER

E-44 INTAKE CAM CONTOUR DATA									E-42 EXHAUST CAM CONTOUR DATA								
ANGLE	OPENING	CLOSING	ANGLE	OPENING	CLOSING	ANGLE	OPENING	CLOSING	ANGLE	OPENING	CLOSING	ANGLE	OPENING	CLOSING	ANGLE	OPENING	CLOSING
0	27300	27300	40	10892	10873	80	00000	00034	0	27300	27300	40	13670	12293	80	00009	00240
1	27488	27488	41	10204	10187	81		00016	1	27491	27491	41	13003	11614	81	00034	00214
2	27453	27453	42	322	09304	82		00005	2	27446	27446	42	12330	10930	82	00014	00192
3	27394	27394	43	08842	08824	83		00001	3	27423	27423	43	11650	10245	83	00008	00168
4	27311	27311	44	08168	08156	84		00000	4	27364	27364	44	10947	09399	84	00001	00144
5	27204	27204	45	07303	07300				5	27287	27281	45	10281	08874	85	00000	00130
6	27074	27074	46	06849	06860				6	27194	27181	46	09394	08198	86		00094
7	26924	26924	47	06211	06241				7	27083	27061	47	08913	07527	87		00072
8	26749	26748	48	05390	05447				8	26956	26921	48	08236	06849	88		00051
9	26530	26530	49	04993	05082				9	26811	26739	49	07847	06227	89		00032
10	26329	26328	50	04422	04547				10	26650	26577	50	06910	05608	90		00018
11	26088	26084	51	03881	04044				11	26471	26373	51	06249	05009	91		00008
12	25819	25817	52	03373	03574				12	26276	26151	52	05647	04447	92		00003
13	25530	25528	53	02907	03144				13	26063	25904	53	05048	03911	93		00000
14	25220	25217	54	02481	02747				14	25833	25641	54	04477	03418			
15	24887	24884	55	02099	02387				15	25584	25330	55	03937	02944			
16	24523	24529	56	01763	02044				16	25321	25048	56	03431	02337			
17	24158	24153	57	01473	01777				17	25038	24720	57	02944	02193			
18	23741	23735	58	01228	01524				18	24737	24372	58	02539	01873			
19	23343	23337	59	01023	01309				19	24418	24003	59	02137	01394			
20	22905	22898	60	00842	01124				20	24081	23613	60	01820	01361			
21	22447	22440	61	00732	00974				21	23726	23203	61	01528	01145			
22	21968	21961	62	00630	00848				22	23352	22773	62	01280	01005			
23	21471	21464	63	00530	00747				23	22959	22323	63	01073	00874			
24	20958	20948	64	00484	00645				24	22548	21854	64	00908	00774			
25	20422	20414	65	00432	00598				25	22119	21347	65	00774	00694			
26	19871	19863	66	00487	00642				26	21672	20861	66	00673	00632			
27	19304	19294	67	00448	00605				27	21204	20337	67	00591	00582			
28	18721	18713	68	00407	00553				28	20721	19797	68	00525	00544			
29	18124	18115	69	00370	00415				29	20219	19241	69	00471	00511			
30	17513	17503	70	00324	00373				30	19699	18649	70	00424	00483			
31	16889	16878	71	00298	00347				31	19162	18082	71	00382	00457			
32	16254	16241	72	00262	00304				32	18409	17482	72	00343	00432			
33	15608	15594	73	00224	00270				33	18039	16869	73	00306	00408			
34	14933	14937	74	00191	00234				34	17454	16243	74	00270	00384			
35	14289	14273	75	00159	00198				35	16854	15607	75	00234	00340			
36	13619	13601	76	00134	00162				36	16241	14941	76	00198	00334			
37	12942	12924	77	00104	00124				37	15613	14303	77	00162	00312			
38	12241	12243	78	00078	00091				38	14977	13642	78	00124	00288			
39	11577	11588	79	00051	00059				39	14329	12971	79	00091	00244			

