

TUFF SOUNDS FOR HOT RODS

Hot Rod and Street Machine builders often ask for cam combination that will produce a tough idle and engine note without sacrificing street drive ability or engine reliability. The range of Crow Hot Rod hydraulic grinds are designed with increased overlap to produce a lopey idle that will stand out in the crowd.

Two options are available for popular US small block V8s one suitable for standard torque converters with good power and torque from 1600 rpm and the second to suit 2400 stall converters with stronger mid range and top end power from 2500 rpm.

Chev Small Block 283-400								
PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
1603-8	IN. 34/66 EX.70/30	280 280	214 214	108	.442" .442"	1600 4600	K103	Medium idle, strong mid range power, for well prepared street engines.
1686	IN. 39/71 EX.75/35	290 290	224 224	108	.435" .435"	2500 4500	K103	Lumpy Idle. Strong mid / high range performance.

Ford Windsor 302W-351W (302W firing order)								
PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
15890-8	IN. 30/62 EX.72/32	272 283	212 217	108	.466" .474"	1600 4600	K1503 ^{7,9}	Medium idle, strong mid range power, for well prepared street engines.
15689	IN. 35/65 EX.71/37	280 289	222 230	106	.480" .485"	2500 5500	K1503 ^{7,9}	Lumpy Idle. Strong mid / high range performance.

Ford Cleveland 1964-84 These cams must be used with performance spring and retainers.								
PART NO.	VALVE TIMING	DUR	.050" DUR.	L/C	VALVE LIFT	POWER RANGE	PART KIT	COMMENTS
21666-8	IN. 29/61 EX.70/30	270 280	204 214	108	.486" .521"	1600 4600	K2103	Medium idle, strong mid range power, for well prepared street engines.
21689	IN. 35/65 EX.71/37	280 289	222 230	106	.512" .519"	2500 5500	K2104 ³	Lumpy Idle. Strong mid / high range performance.

FITTING NOTES.

- * Performance springs and retainers MUST be used on all Cleveland engines fitted with modified camshafts.
- * The use of high volume oil pumps in these engines may cause premature wear of the distributor gear.
- * Converter stall speed should be equal to or greater than the minimum rpm of the cam power range.

1. Must use performance springs
2. Must use performance retainers
3. Machining required to fit these components
4. Must use performance seal
5. Notes 1 to 4 all apply to this part number
6. Check valve train geometry before ordering pushrod.
7. Pushrod length varied in this model. Check length before ordering
9. Spring height varies in models check pressure before installation.