

# FORD WINDSOR V8 ROCKER RATIO 1.62

Application	RPM Range	Part No.	Adv. Duration		.050" Duration		Valve Lift		LSA	Lash Intake	Lash Exhaust	Lifters	Valve Spring	Installed Height	Retainer	Locks	Stem Seal	Timing Kit	Pushrods	Rockers
			Intake	Exhaust	Intake	Exhaust	Intake	Exhaust												
<b>351W SOLID ROLLERS</b>																				
260, 289 & 302 use 351W roller billet																				
Street/strip application, bracket engine needs comp, good heads etc (See Fitting notes 1 - 7)	4000 - 7000	621301	286	295	252	260	.585"	.585"	107				4910-16 <sup>D</sup>	2.000"	13101-16	11101-16	VSV530-16	CS8302W	See Notes	
Street/ strip roller med lift, heap of bottom end torque, soft on valve springs (See Fitting notes 1 - 7)	3800 - 6800	621387	298	302	259	265	.635"	.633"	107				4910-16 <sup>D</sup>	2.000"	13101-16	11101-16	VSV530-16	CS8302W	See Notes	
Race roller, for max mid & upper RPM needs, comp and after market heads etc (See Fitting notes 1 - 7)	4200 - 7200	62819	291	298	259	266	.583"	.583"	108				4920-16 <sup>D</sup>	2.000"	13101-16	11101-16	VSV530-16	CS8302W	See Notes	
Street/strip roller, suit stroker good bottom end torque, soft on valve springs (See Fitting notes 1 - 7)	4200 - 7500	621576	307	310	276	278	.608"	.608"	108				4920-16 <sup>D</sup>	2.000"	13101-16	11101-16	VSV530-16	CS8302W	See Notes	
<b>EFI HYDRAULIC ROLLER 5lt 302 V8 - FIRING ORDER 1, 3, 7, 2, 6, 5, 4, 8</b>											<b>NOTE: MUST REMOVE FACTORY FITTED SLOW ROTOR FROM EXHAUST WHEN USING 11700-XR8</b>									
STD replacement	1000 - 4600	62952	262	262	186	196	.428"	.453"	117			5300H	7738-16	1.800"	11700-XR8	11701-16		CS8302WEFI	See Notes	CRFW163
Mild street applicaton, stock idle good torque & mid range 220k (See Fitting notes 1 & 2)	1500 - 5000	621339	268	275	203	209	.455"	.455"	118			5300H	7738-16	1.800"	11700-XR8	11701-16		CS8302WEFI	See Notes	CRFW163
STD idle, improved throttle response use in STD to Mild engine 200k (See Fitting notes 1 & 2)	1600 - 5300	621338	272	272	210	210	.458"	.458"	118			5300H	7738-16	1.800"	11700-XR8	11701-16		CS8302WEFI	See Notes	CRFW163
Mild street engine suits genuine 250kw 347ci (See Fitting notes 1 & 2)	1600 - 5300	621368	275	275	211	211	.447"	.447"	116			5300H	7738-16	1.800"	11700-XR8	11701-16		CS8302WEFI	See Notes	CRFW163
Medium performance cam, basic idle improved bottom & mid range suit auto (See Fitting notes 1 & 2)	1800 - 5800	621371E	290	290	216	216	.505"	.505"	115			5300H	7738-16	1.800"	11700-XR8	4133-16		CS8302WEFI	See Notes	CRFW163
Medium performance cam, grumpy idle improved bottom & mid range needs hi stall (See Fitting notes 5)	2500 - 6500	621317	309	296	222	217	.539"	.539"	112			5300H	7333-16 <sup>D</sup>	1.800"	11700-XR8	4133-16		CS8302WEFI	See Notes	CRFW163
Good mid range performance needs hi stall (See Fitting notes 1 & 2)	2700 - 6700	621354	293	299	225	224	.510"	.510"	115			5300H	7738-16	1.800"	11700-XR8	4133-16		CS8302WEFI	See Notes	CRFW163
<b>429, 460 HYDRAULIC <small>ROCKER RATIO 1.73 USE ZDDP100 OIL ADDITIVE AND QUALITY MINERAL ENGINE OIL ONLY</small></b>																				
Maximum low end torque, dual pattern suit LPG needs valve springs & exhaust (See Fitting notes 1 & 2)	1600 - 4500	31666	268	288	204	214	.481"	.512"	112			HT900-16	7738-16	1.800"	11700-16	11701-16	KG317-16	CS8460	PR-978-12	CRFCL177
Mild street applicaton, medium idle good mid range, needs valve springs etc (See Fitting notes 5)	2000 - 5000	31665	280	290	214	224	.512"	.539"	112			HT900-16	7738-16	1.800"	11700-16	117010-16	KG317-16	CS8460	PR-978-12	CRFCL177
Hot street cam, strong mid range needs headers, carbie, hi- stall etc (See Fitting notes 5)	2200 - 5700	311367	293	299	226	236	.535"	.560"	112			HT900R-16	7333-16 <sup>D</sup>	1.800"	11700-16	4133-16	VSV530-16	CS8460	PR-978-12	CRFCL177
Street /strip cam, aggressive idle needs heads, carbie headers & hi stall (See Fitting notes 5)	2600 - 6300	31787	284	295	238	246	.561"	.566"	109			HT900R-16	7333-16 <sup>D</sup>	1.800"	11700-16	4133-16	VSV530-16	CS8460	PR-978-12	CRFCL177
Street/strip application rough idle needs heads, carbie headers & hi stall (See Fitting notes 5)	3200 - 6300	31700	304	316	242	250	.570"	.570"	108			HT900R-16	7333-16 <sup>D</sup>	1.800"	11700-16	4133-16	VSV530-16	CS8460	PR-978-12	CRFCL177

**Note:** Springs marked with xxxx-xx<sup>D</sup> denotes that it is a double spring.

**FITTING NOTES:** 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. 8. Spring height varies in models, check spring pressure before installation.

**FITTING NOTES:** Push Rods sold seperately. Check length before ordering from page 78.  
 • Converter stall speed should be equal to or greater than the minimum rpm of the cam power range.  
 • All lash settings quoted are measured hot. • The use of high volume oil pumps may cause premature wear of the distributor gear.