



## 2006-2009 Model Test RPM Data

### Supplement to MIC Stationary Sound Test Manual for Off-Highway Motorcycles and ATVs

ARCTIC CAT ATVs							BOMBARDIER ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM				Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009				2006	2007	2008	2009
50	50 2X4/DVX	AC10	3250		3250		50	DS 50	DS50	3500	3500		
90	90 2X4/DVX	AC20	3650	3650	3650		70	DS 70	DS 70			3500	
250	250 2X4/DVX	AC50	3200	3200	3200		90	DS 90 2 Stroke	DS 90 2	3315	3315		
366	366 4X4	AC 70			3400			DS 90 4 Stroke	DS 90 4	3750	3750	3500	
400	400A 4x4	K425	3250	3250	3250		175	Rally	Rotax 175	4100	4100		
	400M 4x4	K427	3500	3500	3500								
	400 DVX	K430	3500	3500	3500		250	DS 250 4 Stroke	DS 250 4	3250	3250	3250	
500	500A 4x4	M410	3000	3000	3000		400	Outlander 400	Rotax 400	3500	3500	3500	
	500M 4x4	M412	3000	3000	3000			Outlander EFI	Rotax 400			3625	
650	650A H1 4X4	0650A1	3225	3225	3225		450	DS 450	DS 450			2950	
	650A V-2	VF650	3250				500	Renegade 500	Rotax 490		3750	3750	
700	EFI 4X4	P414	2925	2925	2925		650	DS 650	Rotax 654	3250	3250		
	H1 4X4	0700A1			3150			Outlander 650	Rotax 660	3750*	3750	3750	
	Diesel 4x4	LDW		2200	2200		800	Outlander 800	Rotax 810	3500*	3500	3500	
1000	H2 4X4	0950T1			3450			Renegade 800	Rotax 810		3500	3500	

\* Revised in 2007

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KAWASAKI MOTORCYCLES							KAWASAKI ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year				Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year			
			2006	2007	2008	2009				2006	2007	2008	2009
50	KDX50-A6	A102	2500				50	KSF50-A6	A110	2500			
65	KX65-A6-8*	KX065AE	6250	6250**	6250			KSF50-B7-8	WA10		3750	3750	
85	KX85-A6-8,KX85-B6-7*	KX085AE	6000	6000	6000		80	KSF80-A6	C113	3500			
100	KX100-D6-8*	KX100CE	5750	5750	5750		90	KSF90-A7-8	WA20		3750	3750	
110	KLX110-A6-8	LX110AE	3500	3500	3500		250	KLF250-A6-8	LF250AE	3500	3500	3500	
125	KLX125-A6,B6	F445	4000				360	KVF360-A6-8	VF360AE	3500	3500	3500	
	KX125-M6*	KX125ME	5750					KVF360-B6-8	VF360AE	3500	3500	3500	
140	KLX 140-A8	LX140AE			4000			KVF360-C6-8	VF360AE	3500	3500	3500	
200	KDX200-H6	DX200HE	3500				450	KFX450R-B8	SF450BE			3750	
250	KX250-R6-8*	KX250RE	4500	4500	4500		650	KVF650-D6-8		3250	3250	3250	
	KX250-T6-8*	KX250TE	5750	5750	5750			KVF650-E6-8	VF650AE	3250	3250	3250	
300	KLX300-A6-7	LX300AE	3500	3500				KVF650-F6-8	VF650AE	3750	3750	3750	
450	KX450-D6-8*	KX450DE	4250	4250	4250			KVF650-G6-8	VF650AE	3750	3750	3750	
	KLX450-A8	LX450AE			3750			KVF650-H7-8	VF650AE		3750	3750	
* Not certified to meet federal EPA noise regulations for newly manufactured off-highway motorcycles.							700	KSV700-A6-8	SV700AE	3250	3250	3250	
								KSV700-B6-8	SV700AE	3250	3250	3250	
								KSV700-C6	SV700AE	3250			
** Revised								KVF700-A6	VF700AE	3250			
								KVF700-D6	VF700AE	3250			
							750	KVF750-A6-7	VF750AE	3250	3250		
								KVF750-B6-7	VF750AE	3250	3250		
								KVF750-C6-7	VF750AE	3250	3250		
								KVF750-D8	VF750DE			3250	
								KVF750-E8	VF750DE			3250	
								KVF750-F8	VF750DE			3250	

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KTM MOTORCYCLES							POLARIS ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM				Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009				2006	2007	2008	2009
50	50 Jr/Sr Adventure*	450	4800	4800			50	Predator 50-2 Strk	AR03-01	3000			
	50 SX Pro Junior*, SX Mini*	450	5100	5100	5100			Predator 50-4 Strk	RF3KA05		3750		
	50 SX Pro Senior*	451	5100	5100	5100			Scrambler 50-2 Strk	AR03-01	3000			
65	65 SX*	460	4750	4750	4750			Outlaw-4 Strk	RF3KA05			3750	
	65 XC*	460			4500		90	Outlaw 90 -4 Strk	RF3KA09		4000	4000	
85/105	85 SX*, 105 SX*	490	4725	4725	4725			Predator 90-2 Strk	AR07	3000			
	85 XC*, 105 XC*	490			4450			Sportsman 90-2 Strk	AR07	3000			
125	125 SX*	503	5600	5600	5600			Sportsman 90-4 Strk	RF3KA09		4000	4000	
144	144 SX*	515		5200	5200		200	Phoenix 200	V39	3750	3750	3750	
200	200 EXC*, XC*, XC-W*	523	4000	4000	4000			Sawtooth 200	V39	3750	3750		
250	250 SX*	546	3750	3750	3750		250	Trail Blazer	EC25PFE15	3000			
	SX-F*	770	5200	5200	5200		300	Hawkeye 300	ES30P	3375	3375		
	XC-F*, XC-F-W*	770		4800	4800			Sportsman 300	ES30P			3375	
300	XC*, XC-W*	548	3750	3750	3750		330	Magnum 330 2X4	ES32P10	3375			
	300 EXC*	547	3550	3550	3550			Magnum 330 4X4	ES32P10	3375			
	XC*, XC-W*	556	3550	3550	3550			Trail Boss 330	ES32P10	3375	3375	3375	
400	400 EXC Racing*, XC-W*	595	4625	4625				Trail Blazer 330	ES32P10			3375	
450	450 EXC Racing*, SX*, XC Racing*, XC*, XC-W*	595	4625	4625	4625		400/450	Outlaw 450 MXR	ES051KLE				4250
	450 SMR*, SMC*	595	4625	4625	4625			Sportsman 400 H.O./450	EH46P	3250	3250	3250	
	450 EXC	595		3400	3400		500	ATP 500	EH50P20	3250			
505	505 SX*	592		4600	4600			Predator 500	ES50P01	4000	4000		
	505 SX-F*, XC-F*	773		4625	4625			Outlaw 500	ES50P04	4000	4000		
525/530	525, 530 EXC	590		3380	3380			Scrambler 500 4x4	EH50P04	3150	3150	3150	
	EXC* Racing, SX*, XC Racing*, SMC*	590	4600	4600	4600			Sportsman 500 H.O.	EH50P13	3150		3150	
560	560 SMR*	590	4600	4600				Sportsman 500 EFI / EFI Touring, X2 500 EFI	EH50P21	3250	3250	3250	
625	625 SMC*	584	3450					Sportsman 6x6	EH50P10	3000	3000	3000	
640	LC4 Adventure, LC4 Supermoto	584	3450				525	Outlaw 525	ES051KLE		4000	4000	
690	SM, Enduro, Duke, SMC			3425	3425		700	Sportsman 700 EFI / EFI Touring	EH68P	3000	3000	3000	
950	Adventure, Adventure S, Supermoto, Super Enduro	600	4750	4750	4750		800	Sportsman X2 800 EFI	EH76P	3000	3000		
990	Adventure, Adventure S, Super Duke, Super Duke R	600		4750	4750			Sportsman 800 EFI / EFI Touring	EH76P	3000	3000	3000	

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SUZUKI MOTORCYCLES							SUZUKI ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year				Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year			
			2006	2007	2008	2009				2006	2007	2008	2009
50	JR50	A102	2500				50	LT50, LT-A50	A110	2500			
65	RM65*	KX65B	6250					LT-Z50 QuadSport Z50	AZ413	2550	2550	2550	
70	DR-Z70	B401			4000		80	LT80 QuadSport 80	C113	3500			
85	RM85*, RM85L	D107	6000	6000	6000		90	LT-Z90 QuadSport Z90	D402		3500	3500	
110	DR-Z110	LX110A, LX110BE	3500				250	LT-F250 Ozark, LT-Z250 QuadSport	J434, J437	3500	3500	3500	
125	DR-Z125, DR-Z125L	F445	4000	4000	4000		400	LT-A400/F Eiger	K420, K421	3250	3250		
	RM125*	F134	5750	5750	5650			LT-F400/F Eiger	K422, K423	3500	3500		
200	DR200SE	H402	4250	4250	4250			LT-A400/F KingQuad	K433, K434			3250	
250	DR-Z250	J428	4000	4000				LT-F400/F KingQuad	K435, K436			3500	
	RM250*	J119	4000	4000	4000			LTZ400 QuadSport 400	K428	3500	3500	3500	
	RM-Z250*	KX250NE, J442	5500	5500	5500		450	LT-R450 QuadRacer R450	L402	3750	3750	3750	
400	DRZ400/E	K417, K419	4000	4000				LT-A 450X KingQuad 450	L403		3250	3250	
	DRZ400S/E	K419	3750	3750			500	LT-F500F Vinson	M411	3250	3250		
450	RM-Z450*	L401	4500	4500	4500			LT-A500F Vinson	M409	3000	3000		
650	DR650SE	P409	3250	3250	3250		700	LT-A700Z KingQuad	P413	3000	3000		
								LT-V700F Twin Peaks	VF700AE	3250			
							750	LT-A750X KingQuad	R701			3000	

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YAMAHA MOTORCYCLES							YAMAHA ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year				Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year			
			2006	2007	2008	2009				2006	2007	2008	2009
50	PW50	3PT	3750	3750	3750		50	YFM50	A303E	4000	4000	4000	
	TTR50E	A305E	4250	4250	4250		80	YFM80	B302E, B304E	3750	3750	3750	
80	PW80	3RV	3750				125	YFM125A	E365E	3500	3500	3500	
85	YZ85*	B118E	6000	6000	6000								
90	TTR90/E	B305E	3500	3500			200	YFS200	G109E	3500			
110	TTR110	5B6			3750		250	YFM250	G302E, G334E	3500	3500	3500	
125	TTR125/E/L/LWE	E349E	4000	4000	4000			YFM250R	G369E			3500	
	TTR125LW	E309E		4000	4000		350	YFM350FX	H306E	3500			
	YZ125*	E118E, E120E	5750	5750	5750			YFZ350	3GG	3750			
200	TW200	3AW	3500	3500	3500			YFM350FWA	H315E	3250	3250	3250	
225	XT225	4BE	4000	4000				YFM350A	H316E	3250	3250	3250	
	TTR225	G331E	3750					YFM350	H318E	3500	3500	3500	
230	TTR230	G341E		3750	3750								
250	TTR250	G307E	3750				400	YFM400FWAN	J320E	3500	3500	3500	
	XT250	G374E			3750			YFM400FWN	H310E	3500	3500	3500	
	WR250F	G348E, G356E	5250	5250	5250		450	YFM450FWAN	J310E	3125	3125	3125	
	WR250R	G375E			4500			YFZ450	J323E, J325E	3750	3750	3750	
	WR250X	G37E			4500			YXR450F Rhino	J322E	3000	3000	3000	
	YZ250*	G111E	4250	4250	4250		660	YFM660FWA	M302E, M303E	3125	3125	3125	
	YZ250F*	G342E, G357E	5250	5250	5250			YXR660F Rhino	M305E	3000	3000		
450	WR450F	J321E, J326E	4500	4500	4500		700	YFM700R	M308E	3125	3125	3125	
	YZ450F*	J324E	4500	4500	4500			YFM700FWA	M310E			3125	
								YXR700 Rhino	M312E			2625	
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