



2006-2009 Model Test RPM Data

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

ARCTIC CAT ATVs							BOMBARDIER / CAN-AM 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	3250	50	DS 50	DS50	3500	3500		
90	90 2X4/DVX	AC20	3650	3650	3650	3650	70	DS 70	DS 70			3500	3500
150	150 2X4	AC30				3875	90	DS 90 2 Stroke	DS 90 2	3315	3315		
250	250 2X4/DVX	AC50	3200	3200	3200	3200		DS 90 4 Stroke	DS 90 4	3750	3750	3500	3500
300	300 DVX	AC50				3200							
366	366 4X4	AC 70			3400	3400	175	Rally	Rotax 175	4100	4100		
400	400A 4x4	K425	3250	3250	3250								
	400M 4x4	K427	3500	3500	3500		250	DS 250 4 Stroke	DS 250 4	3250	3250	3250	3250
	400 DVX	K430	3500	3500	3500		400	Outlander 400	Rotax 400	3500	3500	3500	3500
500	500A 4x4	M410	3000	3000	3000	3000		Outlander EFI	Rotax 400			3625	3625
	500M 4x4	M412	3000	3000	3000	3000	450	DS 450	DS 450			2950	2950
550	550 H1 4X4	0550A				3150	500	Renegade 500	Rotax 490		3750	3750	3750
650	650A H1 4X4	0650A	3225	3225	3225	3225	650	DS 650	Rotax 654	3250	3250		
	650A V-2	VF650	3250					Outlander 650	Rotax 660	3750	3750	3750	3750
700	EFI 4X4	P414	2925	2925	2925		800	Outlander 800	Rotax 810	3500	3500	3500	3500
	H1 4X4	0700A			3150	3150		Renegade 800	Rotax 810		3500	3500	3500
	Diesel 4x4	LDW		2200	2200								
1000	H2 4X4	0950T1			3450	3450							

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HONDA MOTORCYCLES							HONDA 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	CRF50F	AE03E	4250	4250	4250	4250	90	TRX90/TRX90X	TE18E	3750	3750	3750	3750
70	CRF70F	DE02E	4000	4000	4000	4000	250	TRX250EX/X	TE27E	3500	3500	3500	3500
80	CRF80F	HE01E	5000	5000	5000	5000		TRX250TM/TE	TE21E	3250	3250	3250	3250
85	CR85R*/RB*	HE07E	6000	6000			300	TRX300EX/X	TE19E	3500	3500	3500	3500
100	CRF100F	HE03E	4750	4750	4750	4750	350	TRX350FE/FM	TE25E	3250			
125	CR125R*	JE01E	5750	5750				TRX350TE/TM	TE24E	3250			
150	CRF150F	KE02E	4250	4250	4250	4250	400	TRX400EX/X	TE23E	3500	3500	3500	3500
	CRF150R*/RB*	KE03E		6250	6250	6250		TRX400FA/FGA	TE29E	3250	3250		
230	CRF230F	ME09E	4000	4000	4000	4000	420	TRX420FE/FM/FPE	TE35E		3000	3000	3000
250	CR250R*	ME03E	4000	4000				TRX420TM/TE	TE34E		3000	3000	3000
	CRF250R*	ME10E	5500	5500	5500	5500	450	TRX450R	TE32E	3750	3750	3750	3750
	CRF250X	ME11E	4500	4500	4500	4500	500	TRX500FA/FGA/FPA	TE26E	3250	3250	3250	3250
450	CRF450R*	PE05E	4500	4500	4500	4250		TRX500FE/FM/TM/PE/FPM	TE31E	3000	3000	3000	3000
	CRF450X	PE06E	3750	3750	3750	3750	680	TRX680FA/FGA	TE33E	3000	3000	3000	3000
650	XR650L	RD06E	3000	3000	3000	3000	700	TRX700XX	TE36E			3000	3000
	XR650R	RE01E	3250	3250									
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KAWASAKI MOTORCYCLES							KAWASAKI ATVs						
Engine			Test RPM				Engine			Test RPM			
Size		Engine	Model Year				Size		Engine	Model Year			
(in cc)	Model	Prefix	2006	2007	2008	2009	(in cc)	Model	Prefix	2006	2007	2008	2009
50	KDX50-A6	A102	2500				50	KSF50-A6	A110	2500			
65	KX65-A6-9*	KX065AE	6250	6250	6250	6250		KSF50-B7-9	WA10		3750	3750	3750
85	KX85-A6-9, KX85-B6-7*	KX085AE	6000	6000	6000	6000	80	KSF80-A6	C113	3500			
100	KX100-D6-9*	KX100CE	5750	5750	5750	5750	90	KSF90-A7-9	WA20		3750	3750	3750
110	KLX110-A6-9	LX110AE	3500	3500	3500	3500	250	KLF250-A6-9	LF250AE	3500	3500	3500	3500
125	KLX125-A6,B6	F445	4000				360	KVF360-A6-9	VF360AE	3500	3500	3500	3500
	KX125-M6*	KX125ME	5750					KVF360-B6-9	VF360AE	3500	3500	3500	3500
140	KLX 140-A8-9, B8-9	LX140AE			4000	4000		KVF360-C6-9	VF360AE	3500	3500	3500	3500
200	KDX200-H6	DX200HE	3500				450	KSF450-B8-9	SF450BE			3750	3750
250	KX250-R6-8*	KX250RE	4500	4500	4500		650	KVF650-D6-9	VF650AE	3250	3250	3250	3250
	KX250-T6-8*	KX250TE	5750	5750	5750			KVF650-E6-9	VF650AE	3250	3250	3250	3250
	KX250-W9*	KX250WE				5750		KVF650-F6-9	VF650AE	3750	3750	3750	3750
	KLX250-T9	LX250DE				4250		KVF650-G6-9	VF650AE	3750	3750	3750	3750
	KLX250-W9	LX250DE				4250		KVF650-H7-8	VF650AE		3750	3750	
	KL250-G6-7-9	KL250GE	4000	4000		4000	700	KSV700-A6-9	SV700AE	3250	3250	3250	3250
300	KLX300-A6-7	LX300AE	3500	3500				KSV700-B6-8	SV700AE	3250	3250	3250	3250
450	KX450-D6-8*	KX450DE	4250	4250	4250			KSV700-C6	SV700AE	3250			
	KX450-E9	KX450EE				4250		KVF700-A6	VF700AE	3250			
	KLX450-A8-9	LX450AE			3750	3750		KVF700-D6	VF700AE	3250			
650	KL650-A6-7	KL650AE	3250	3250			750	KVF750-A6-7	VF750AE	3250	3250		
	KL650-E8-9	KL650AE			3250	3250		KVF750-B6-7	VF750AE	3250	3250		
								KVF750-C6-7	VF750AE	3250	3250		
								KVF750-D8-9,E8-9	VF750DE			3250	3250
								KVF750-F8	VF750DE			3250	
								KRF750-G9,H9	VF750DE				3250
								KRF750-J9,K9	VF750DE				3250
								KRF750-L9,M9	VF750DE				3250

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KTM MOTORCYCLES							KTM 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			450	XC-ATV	830			3400	3400
	50 SX Pro Junior*, SX Mini*	450	5100	5100	5100	5100	525	XC-ATV	831			3400	3400
	50 SX Pro Senior*	451	5100	5100	5100	5100	450	SX-ATV	835				3800
65	65 SX*	460	4750	4750	4750	4750	505	SX-ATV	836				3600
	65 XC*	460			4500	4500							
85/105	85 SX*, 105 SX*	490	4725	4725	4725	4750							
	85 XC*, 105 XC*	490			4450	4450							
125	125 SX*	503	5600	5600	5600	5600							
144	144 SX*, 150 SX*	515		5200	5200	5200							
200	200 EXC*, XC*, XC-W*	523	4000	4000	4000	4000							
250	250 SX*	546	3750	3750	3750	3750							
	SX-F*	770	5200	5200	5200	5200							
	XC-F*, XC-F-W*	770		4800	4800	4800							
	XC*, XC-W*	548	3750	3750	3750	3750							
300	300 EXC*	547	3550	3550	3550	3550							
	XC*, XC-W*	556	3550	3550	3550	3550							
400	400 EXC Racing*, XC-W*	595	4625	4625		4625							
450	450 EXC Racing*, SX*, XC Racing*, XC*, XC-W*	595	4625	4625	4625	4625							
	450 SMR*, SMC*	595	4625	4625	4625								
	450 EXC	595		3400	3400	3400							
505	505 SX*	592		4600	4600								
	505 SX-F*, XC-F*	773		4625	4625	4625							
525/530	525, 530 EXC	590		3380	3380	3380							
	EXC* Racing, SX*, XC Racing*, SMC*	590	4600	4600	4600	4600							
560	560 SMR*	590	4600	4600									
625	625 SMC*	584	3450										
640	LC4 Adventure, LC4 Supermoto	584	3450										
690	SM, Enduro, Duke, SMC			3425	3425	3425							
950	Adventure, Adventure S, Supermoto, Super Enduro	600	4750	4750	4750	4750							
990	Adventure, Adventure S, Super Duke, Super Duke R	600		4750	4750	4750							
1190	RC8, RC8 R	612			4750	4750							

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POLARIS ATVs							
Engine Size (in cc)	Model	Engine Prefix	Test RPM				
			Model Year				
			2006	2007	2008	2009	
50	Predator 50-2 Strk	AR03-01	3000				
	Predator 50-4 Strk	RF3KA05		3750			
	Scrambler 50-2 Strk	AR03-01	3000				
	Outlaw-4 Strk	RF3KA05			3750	3750	
90	Outlaw 90-4 Strk	RF3KA09		4000	4000	4000	
	Predator 90-2 Strk	AR07	3000				
	Sportsman 90-2 Strk	AR07	3000				
	Sportsman 90-4 Strk	RF3KA09		4000	4000	4000	
200	Phoenix 200	V39	3750	3750	3750	3750	
	Sawtooth 200	V39	3750	3750			
250	Trail Blazer	EC25PFE15	3000				
300	Hawkeye 300	ES30P	3375	3375			
	Sportsman 300	ES30P			3375	3375	
330	Magnum 330 2X4	ES32P10	3375				
	Magnum 330 4X4	ES32P10	3375				
	Trail Boss 330	ES32P10	3375	3375	3375	3375	
	Trail Blazer 330	ES32P10			3375	3375	
400/450	Outlaw 450 MXR	ES051KLE			4250	4250	
	Sportsman 400 H.O./450	EH46P	3250	3250	3250	3250	
500	ATP 500	EH50P20	3250				
	Predator 500	ES50P01	4000	4000			
	Outlaw 500	ES50P04	4000	4000			
	Scrambler 500 4x4	EH50P04	3150	3150	3150	3150	
	Sportsman 500 H.O.	EH50P13	3150		3150	3150	
	Sportsman 500 EFI / 500 EFI Touring, 500 EFI X2	EH50P21	3250	3250	3250	3250	
	Sportsman 500 6x6	EH50P10	3000	3000	3000		
525	Outlaw 525	ES051KLE		4000	4000	4000	
550	Sportsman 550	ES550PLE				3250	
700	Sportsman 700 EFI / EFI Touring	EH68P	3000	3000	3000		
800	Sportsman 800 EFI, 800 EFI X2 / 800 EFI Touring, 800 6x6	EH76P	3000	3000	3000	3000	
850	Sportsman 850	EH0850LE				3500	

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SUZUKI MOTORCYCLES							SUZUKI ATVs							
Engine			Test RPM					Engine			Test RPM			
Size		Engine	Model Year					Size		Engine	Model Year			
(in cc)	Model	Prefix	2006	2007	2008	2009	(in cc)	Model	Prefix	2006	2007	2008	2009	
50	JR50	A102	2500				50	LT50, LT-A50	A110	2500				
65	RM65*	KX65B	6250					LT-Z50/Z* QuadSport Z50	AZ413, Z402	2550	2550	2550	2550	
70	DR-Z70	B401			4000	4000	80	LT80 QuadSport 80	C113	3500				
85	RM85*, RM85L*	D107	6000	6000	6000	6000	90	LT-Z90/Z QuadSport Z90	D402		3500	3500	3500	
110	DR-Z110	LX110A, LX110BE	3500				250	LT-F250 Ozark	J434	3500	3500	3500	3500	
125	DR-Z125, DR-Z125L	F445	4000	4000	4000	4000		LT-Z250 QuadSport	J437	3500	3500	3500	3500	
	RM125*	F134	5750	5750	5650		400	LT-A400/F Eiger	K420, K421	3250	3250			
200	DR200SE	H402	4250	4250	4250	4250		LT-F400/F Eiger	K422, K423	3500	3500			
250	DR-Z250	J428	4000	4000				LT-A400/F/FC/FQ KingQuad /AS	K433, K434			3250	3250	
	RM-250*	J119	4000	4000	4000			LT-F400/F/FC/FQ KingQuad /FS	K435, K436			3500	3500	
	RM-Z250*	KX250NE, J442	5500	5500	5500	5500		LT-Z400/Z QuadSport 400	K428, K437	3500	3500	3500	3500	
400	DRZ400/E	K417, K419	4000	4000			450	LT-R450/Z QuadRacer R450	L402, L404	3750	3750	3750	3750	
	DRZ400S/E, DRZ400S/SM	K419	3750	3750		3750		LT-A450X/XC KingQuad 450	L403		3250	3250	3250	
450	RM-Z450/Z*	L401, L405	4500	4500	4500	4500	500	LT-F500F Vinson	M411	3250	3250			
650	DR650SE	P409	3250	3250	3250	3250		LT-A500F Vinson	M409	3000	3000			
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							700	LT-A700Z KingQuad	P413	3000	3000			
								LT-V700F Twin Peaks	VF700AE	3250				
							750	LT-A750X KingQuad	R701			3000		
								LT-A750X/XC/XR/ XZ/XP/XPC/XPZ KingQuad	R407				3250	

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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	3750	50	YFM50	A303E	4000	4000	4000	4000
	TTR50E	A305E	4250	4250	4250	4250	80	YFM80	B302E, B304E	3750	3750	3750	
80	PW80	3RV	3750				90	YFM90	B306E				4000
85	YZ85*	B118E	6000	6000	6000	6000	125	YFM125A	E365E	3500	3500	3500	3500
90	TTR90/E	B305E	3500	3500									
110	TTR110	5B6			3750	3750	200	YFS200	G109E	3500			
125	TTR125/E/L/LWE	E349E	4000	4000	4000	4000	250	YFM250	G302E,G334E	3500	3500	3500	3500
	TTR125LW	E309E		4000	4000			YFM250R	G369E			3500	3500
	YZ125*	E118E,E120E	5750	5750	5750	5750	350	YFM350FX	H306E	3500			
200	TW200	3AW	3500	3500	3500	3500		YFZ350	3GG	3750			
225	XT225	4BE	4000	4000				YFM350FWA/FWAN	H315E	3250	3250	3250	3250
	TTR225	G331E	3750					YFM350A/AS	H316E	3250	3250	3250	3250
230	TTR230	G341E		3750	3750	3750		YFM350	H318E	3500	3500	3500	3500
250	TTR250	G307E	3750				400	YFM400FWAN	J320E	3500	3500	3500	3500
	XT250	G374E			3750	3750		YFM400FWN	H310E	3500	3500	3500	3500
	WR250F	G348E,G356E	5250	5250	5250	5250	450	YFM450FWAN/FAS	J310E	3125	3125	3125	3125
	WR250R	G375E			4500	4500		YFZ450	J323E,J325E	3750	3750	3750	3750
	WR250X	G37E			4500	4500		YZF450R	J327E				3720
	YZ250*	G111E	4250	4250	4250	4250		YXR450F Rhino	J322E	3000	3000	3000	3000
	YZ250F*	G342E,G357E	5250	5250	5250	5250	550	YFM550FWA/FWAD	J328E				3125
450	WR450F	J321E,J326E	4500	4500	4500	4500	660	YFM660FWA	M302E,M303E	3125	3125	3125	3125
	YZ450F*	J324E	4500	4500	4500	4500		YXR660F Rhino	M305E	3000	3000		
							700	YFM700R	M308E	3125	3125	3125	3125
								YFM700FWA/FWAD	M310E			3125	3125
								YXR700 Rhino	M312E			2625	2625
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