



2006-2010 Model Test RPM Data

Supplement to MIC Stationary Sound Test Manual for Off-Highway Motorcycles, ATVs, & ROVs

ARCTIC CAT ATVs / ROVs								BOMBARDIER / CAN-AM ATVs / ROVs												
Engine Size (in cc)	Model	Engine Prefix	Test RPM					2006	2007	2008	2009	2010	Engine Size (in cc)	Model	Engine Prefix	Test RPM				
			2006	2007	2008	2009	2010									2006	2007	2008	2009	2010
50	50 2X4/DVX	AC10	3250		3250	3250						50	DS 50	DS50	3500	3500				
90	90 2X4/DVX	AC20	3650	3650	3650	3650	3650					70	DS 70	DS 70			3500	3500	4000	
150	150 2X4	AC30				3875	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	4000	
300	300 DVX 2/4	AC60				3750	3750													
366	366 4X4	AC 70			3400	3400	3400					175	Rally	Rotax 175	4100	4100				
400	DVX	K430	3500	3500	3500															
	400M 4x4	K427	3500	3500	3500							250	DS 250 4 Stroke	DS 250 4	3250	3250	3250	3250	3050	
	400 4X4	AC70					3200					400	Outlander 400	Rotax 400	3500	3500	3500	3500		
450	400A 4x4	K425	3250	3250	3250								Outlander EFI	Rotax 400			3625	3625	3750	
	450 4 x4	AC90					3500					450	DS 450	DS 450			2950	2950	3950	
500	500M 4x4	M412	3000	3000	3000	3000						500	Renegade 500	Rotax 490		3750	3750	3750	3700	
550	550 H1 4X4	0550A				3150	3150						Outlander 500	Rotax 490		3750	3750	3750	3700	
650	650A H1 4X4	0650A	3225	3225	3225	3225	3225					650	DS 650	Rotax 654	3250	3250				
	650A V-2	VF650	3250										Outlander 650	Rotax 660	3750	3750	3750	3750	3850	
700	EFI 4X4	P414	2925	2925	2925							800	Outlander 800	Rotax 810	3500	3500	3500	3500	3625	
	H1 4X4	0700A			3150	3150							Renegade 800	Rotax 810		3500	3500	3500	3625	
	Prowler, FIS	0700A			2850	2850	2850													
	TBX,TRV, Cruiser	0700A					3000													
	Mud Pro	0700A					3325													
	Diesel 4x4	LDW		2200	2200		1800													
1000	H2 4X4	0950T1			3450	3450														
	1000 4x4 FIS	0950T					3450													
	1000 4x4 TRV, Mud Pro, Cruiser, Prowler	0950T					3250													

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HONDA MOTORCYCLES								HONDA ATVs / ROVs									
Engine			Test RPM						Engine			Test RPM					
Size		Engine	Model Year						Size		Engine	Model Year					
(in cc)	Model	Prefix	2006	2007	2008	2009	2010		(in cc)	Model	Prefix	2006	2007	2008	2009	2010	
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	TRX420FA/FPA	TE37E					3250	
250	CR250R*	ME03E	4000	4000						TRX420FE/FM/ FPE/FPM	TE35E		3000	3000	3000	3000	
	CRF250R*	ME10E	5500	5500	5500	5500	5500			TRX420TM/TE	TE34E		3000	3000	3000	3000	
	CRF250X	ME11E	4500	4500	4500	4500			450	TRX450R	TE32E	3750	3750	3750	3750		
450	CRF450R*	PE05E	4500	4500	4500	4250	4250			500	TRX500FA/FGA/FPA	TE26E	3250	3250	3250	3250	3250
	CRF450X	PE06E	3750	3750	3750	3750				TRX500FE/FM/ TM/PE/FPM	TE31E	3000	3000	3000	3000	3000	
650	XR650L	RD06E	3000	3000	3000	3000			680	TRX680FA/FGA	TE33E	3000	3000	3000	3000	3000	
	XR650R	RE01E	3250	3250					700	TRX700XX	TE36E			3000	3000		
										MUV700	VE01E					2750	
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KAWASAKI MOTORCYCLES								KAWASAKI ATVs / ROVs								
Engine			Test RPM						Engine			Test RPM				
Size		Engine	Model Year						Size		Engine	Model Year				
(in cc)	Model	Prefix	2006	2007	2008	2009	2010	(in cc)	Model	Prefix	2006	2007	2008	2009	2010	
50	KDX50-A6	A102	2500					50	KSF50-A6	A110	2500					
65	KX65-A6-9-A*	KX065AE	6250	6250	6250	6250	6250		KSF50-B7-9	WA10		3750	3750	3750		
85	KX85-A6-9-A, KX85-B6-7-A*	KX085AE	6000	6000	6000	6000	6000	80	KSF80-A6	C113	3500					
100	KX100-D6-9-A*	KX100CE	5750	5750	5750	5750	5750	90	KSF90-A7-9	WA20		3750	3750	3750		
110	KLX110-A6-9-A	LX110AE	3500	3500	3500	3500	3500	250	KLF250-A6-9-A	LF250AE	3500	3500	3500	3500	3500	
125	KLX125-A6,B6	F445	4000					360	KVF360-A6-9-A	VF360AE	3500	3500	3500	3500	3500	
	KX125-M6*	KX125ME	5750						KVF360-B6-9	VF360AE	3500	3500	3500	3500		
140	KLX 140-A8-9, B8-9-A	LX140AE			4000	4000	4000		KVF360-C6-9-A	VF360AE	3500	3500	3500	3500	3500	
200	KDX200-H6	DX200HE	3500					450	KSF450-B8-9-A	SF450BE			3750	3750	3750	
250	KX250-R6-8*	KX250RE	4500	4500	4500			650	KVF650-D6-9-A	VF650AE	3250	3250	3250	3250	3250	
	KX250-T6-8*	KX250TE	5750	5750	5750				KVF650-E6-9	VF650AE	3250	3250	3250	3250		
	KX250-W9-A*	KX250WE				5750	6000		KVF650-F6-9-A	VF650AE	3750	3750	3750	3750	3250	
	KX250-XA	KX250XE					6000		KVF650-G6-9-A	VF650AE	3750	3750	3750	3750	3250	
	KLX250-T9-A	LX250DE				4250	4250		KVF650-H7-8	VF650AE		3750	3750			
	KLX250-W9-A	LX250DE				4250	4250		700	KSV700-A6-9	SV700AE	3250	3250	3250	3250	
	KL250-G6-7-9-A	KL250GE	4000	4000		4000	4000		KSV700-B6-8-A	SV700AE	3250	3250	3250	3250	3250	
300	KLX300-A6-7	LX300AE	3500	3500					KSV700-C6	SV700AE	3250					
450	KX450-D6-8*	KX450DE	4250	4250	4250				KVF700-A6	VF700AE	3250					
	KX450-E9-A	KX450EE				4250	4000		KVF700-D6	VF700AE	3250					
	KLX450-A8-9-A	LX450AE			3750	3750	3750		750	KVF750-A6-7	VF750AE	3250	3250			
650	KL650-A6-7	KL650AE	3250	3250					KVF750-B6-7	VF750AE	3250	3250				
	KL650-E8-9	KL650AE			3250	3250	3250		KVF750-C6-7	VF750AE	3250	3250				
									KVF750-D8-9, E8-9-A	VF750DE			3250	3250	3250	
									KVF750-F8-A	VF750DE			3250		3250	
									KRF750-G9,H9, J9,K9,L9,M9	VF750DE				3250		
									KRF750-NA,TA, PA,RA, SA	VF750DE					3250	
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KTM MOTORCYCLES

Engine Size (in cc)	Model	Engine Prefix	Test RPM				
			Model Year				
			2006	2007	2008	2009	2010
50	50 Jr/Sr Adventure*	450	4800	4800			
	50 SX Pro Junior*, SX Mini*	450	5100	5100	5100	5100	5100
	50 SX Pro Senior*	451	5100	5100	5100	5100	5100
65	65 SX*	460	4750	4750	4750	4750	4750
	65 XC*	460			4500	4500	
85/105	85 SX*, 105 SX*	490	4725	4725	4725	4750	4750
	85 XC*, 105 XC*	490			4450	4450	
125	125 SX*	503	5600	5600	5600	5600	
144	144 SX*, 150 SX*, 150 XC*	515		5200	5200	5200	5200
200	200 EXC*, XC*, XC-W*	523	4000	4000	4000	4000	4000
250	250 SX*	546	3750	3750	3750	3750	3750
	SX-F*	770	5200	5200	5200	5200	5200
	XC-F*, XC-F-W*	770		4800	4800	4800	4800
	XC*, XC-W*	548	3750	3750	3750	3750	3750
300	300 EXC*	547	3550	3550	3550	3550	
	XC*, XC-W*	556	3550	3550	3550	3550	3550
400	400 EXC Racing*, XC-W*	595	4625	4625		4625	4625
450	450 EXC Racing*, SX*, XC Racing*, XC*, XC-W*	595	4625	4625	4625	4625	4625
	450 SMR*, SMC*	595	4625	4625	4625		
	450 EXC	595		3400	3400	3400	3400
505	505 SX*	592		4600	4600		
	505 SX-F*, XC-F*	773		4625	4625	4625	
525/530	525, 530 EXC, XC-W*	590		3380	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	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	4750
1190	RC8, RC8 R	612			4750	4750	4750

KTM ATVs

Engine Size (in cc)	Model	Engine Prefix	Test RPM				
			Model Year				
			2006	2007	2008	2009	2010
450	XC-ATV	830			3400	3400	
525	XC-ATV	831			3400	3400	
450	SX-ATV	835				3800	
505	SX-ATV	836				3600	

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POLARIS ATVs / ROVs									
Engine Size (in cc)	Model	Engine Prefix	Test RPM						
			Model Year						
			2006	2007	2008	2009	2010		
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	3750		
90	Outlaw 90-4 Strk	RF3KA09		4000	4000	4000	4000		
	Predator 90-2 Strk	AR07	3000						
	Sportsman 90-2 Strk	AR07	3000						
	Sportsman 90-4 Strk	RF3KA09		4000	4000	4000	4000		
200	Phoenix 200	V39	3750	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	3375		
330	Magnum 330 2X4	ES32P10	3375						
	Magnum 330 4X4	ES32P10	3375						
	Trail Boss 330	ES32P10	3375	3375	3375	3375	3375		
	Trail Blazer 330	ES32P10			3375	3375	3375		
400/450	Outlaw 450 MXR	ES051KLE			4250	4250	4250		
	Sportsman 400 H.O./450	EH46P	3250	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	3150		
	Sportsman 500 H.O.	EH50P13	3150		3150	3150	3150		
	Sportsman 500 EFI / 500 EFI Touring, 500 EFI X2	EH50P21	3250	3250	3250	3250	3250		
	Sportsman 500 6x6	EH50P10	3000	3000	3000				
525	Outlaw 525	ES051KLE		4000	4000	4000	4000		
550	Sportsman 550	ES550PLE				3250	3250		
700	Sportsman 700 EFI / EFI Touring	EH68P	3000	3000	3000				
800	Sportsman 800 EFI, 800 EFI X2 / 800 EFI Touring	EH76P	3000	3000	3000	3000	3000		
	Sportsman 800 6x6	EH76P				2875	2875		
850	Sportsman 850	EH0850LE				3500	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	2010	(in cc)	Model	Prefix	2006	2007	2008	2009	2010	
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	2550	
70	DR-Z70	B401			4000	4000	4000	80	LT80 QuadSport 80	C113	3500					
85	RM85*, RM85L*	D107	6000	6000	6000	6000	6000	90	LT-Z90/Z QuadSport Z90	D402		3500	3500	3500	3500	
110	DR-Z110	LX110A, LX110BE	3500					250	LT-F250 Ozark	J434	3500	3500	3500	3500	3500	
125	DR-Z125, DR-Z125L	F445	4000	4000	4000	4000	4000		LT-Z250 QuadSport	J437	3500	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	4250		LT-F400/F Eiger	K422, K423	3500	3500				
250	DR-Z250	J428	4000	4000					LT-A400/F/FC/FQ KingQuad /AS	K433, K434, K438, K439			3250	3250	3250	
	RM-250*	J119	4000	4000	4000				LT-F400/F/FC/FQ KingQuad /FS	K435, K436			3500	3500	3500	
	RM-Z250*	KX250NE, J442	5500	5500	5500	5500			LT-F400/F KingQuad	K440, K441					3250	
	RM-Z250*	J445					5750		LT-Z400/Z QuadSport 400	K428, K437	3500	3500	3500	3500	3500	
400	DRZ400/E	K417, K419	4000	4000				450	LT-R450/Z QuadRacer R450	L402, L404	3750	3750	3750	3750	3750	
	DRZ400S/E, DRZ400S/SM	K419	3750	3750		3750	3750		LT-A450X/XC KingQuad 450	L403		3250	3250	3250	3250	
450	RM-Z450/Z*	L401, L405	4500	4500	4500	4500	4500	500	LT-F500F Vinson	M411	3250	3250				
	RMX450Z	L407					3250		LT-A500F Vinson	M409	3000	3000				
650	DR650SE	P409	3250	3250	3250	3250	3250		LT-A500XP/XPC/ XPW/XPZ KingQuad	M413				3250	3250	
								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	3000	

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YAMAHA MOTORCYCLES								YAMAHA ATVs / ROVs								
Engine			Test RPM						Engine			Test RPM				
Size		Engine	Model Year						Size		Engine	Model Year				
(in cc)	Model	Prefix	2006	2007	2008	2009	2010		(in cc)	Model	Prefix	2006	2007	2008	2009	2010
50	PW50	3PT	3750	3750	3750	3750	2750		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	4000
85	YZ85*	B118E	6000	6000	6000	6000	6000		125	YFM125A	E365E	3500	3500	3500	3500	3500
90	TTR90/E	B305E	3500	3500					200	YFS200	G109E	3500				
110	TTR110	5B6			3750	3750	3750		250	YFM250	G302E, G334E	3500	3500	3500	3500	3500
125	TTR125/E/ L/LWE	E349E	4000	4000	4000	4000	4000			YFM250R	G369E			3500	3500	3500
	TTR125LW	E309E		4000	4000				350	YFM350FX	H306E	3500				
	YZ125*	E118E, E120E	5750	5750	5750	5750	5750			YFZ350	3GG	3750				
200	TW200	3AW	3500	3500	3500	3500	3500			FWAN	H315E	3250	3250	3250	3250	3250
225	XT225	4BE	4000	4000						YFM350A/AS	H316E	3250	3250	3250	3250	3250
	TTR225	G331E	3750							YFM350	H318E	3500	3500	3500	3500	3500
230	TTR230	G341E		3750	3750	3750			400	YFM400FWAN	J320E	3500	3500	3500	3500	3500
250	TTR250	G307E	3750							YFM400FWN	H310E	3500	3500	3500	3500	3500
	XT250	G374E			3750	3750	3750		450	YFM450FWAN/ FAS	J310E	3125	3125	3125	3125	3125
	WR250F	G348E, G356E	3250	3250	3250	3250	3250			YFZ450	J323E, J325E	3750	3750	3750	3750	
	WR250R	G375E			4500	4500	4500			YZF450R	J327E				3720	3750
	WR250X	G37E			4500	4500	4500			YXR450F Rhino	J322E	3000	3000	3000	3000	3000
	YZ250*	G111E	4250	4250	4250	4250	4250		550	YFM550FWA/ FWAD	J328E				3125	3125
	YZ250F*	G342E, G357E	5250	5250	5250	5250	5250		660	YFM660FWA	M302E, M303E	3125	3125	3125	3125	
450	WR450F	J321E, J326E	3250	3250	3250	3250	3250			YXR660F Rhino	M305E	3000	3000			
	YZ450F*	J324E, J329E	4500	4500	4500	4500	4500		700	YFM700R	M308E	3125	3125	3125	3125	3125
										YFM700FWA/ FWAD	M310E			3125	3125	3125
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										YXR700F4	M314E					2625

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