



2001-2004 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			
			2001	2002	2003	2004				2001	2002	2003	2004
50	50 2x4	JA50				2750	175	Rally	Rotax 175			4100	4100
90	90 2x4 2 Stroke	JA90		3500	3500	3500	400	Outlander 400	Rotax 400			3500	3500
	90 2x4 4 Stroke	CT90		3500	3500	3750				500	Traxter Models - All	Rotax 511	3125
250	250 2x4	J432	3750	3750	3750	3750	650	DS Model - All	Rotax 654				3250
	250 4x4	J433	3750	3750	3750	3750				Quest 650, XT	Rotax 610		3525
300	300 2x4	K411	3500	3500	3500								
	300 4x4	K411	3500	3500	3500	3500							
375	375A 2x4	K424		3250									
	375A 4x4	K425		3250									
400	400 2x4	K408	3500	3500									
	400 4x4	K413	3500	3500									
	400A 2x4	K424			3250	3250							
	400A 4x4	K425			3250	3250							
	400M 2x4	K426			3500	3500							
	400M 4x4	K427			3500	3500							
	400 DVX	K428				3500							
500	500A 4x4	M408	3000	3000									
	500M 4x4	M406	3000	3000									
	500A 4x4	M410			3000	3000							
	500M 4x4	M412			3000	3000							
650	650A V-2	VF650				3250							

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HONDA MOTORCYCLES							HONDA ATVs						
Engine			Test RPM				Engine			Test RPM			
Size		Engine	Model Year				Size		Engine	Model Year			
(in cc)	Model	Prefix	2001	2002	2003	2004	(in cc)	Model	Prefix	2001	2002	2003	2004
50	CRF50F	AE03E				4250	90	TRX90	TE18E	3750	3750	3750	3750
	XR50R	AE03E	4250	4250	4250		250	TRX250	TE06E	3250			
70	CRF70F	DE02E				4000		TRX250EX	TE27E		3500	3500	3500
	XR70R	DE02E	4000	4000	4000			TRX250TM/TE	TE21E		3250	3250	3250
80	CR80R*/RB*	HE04E	6250	6250			300	TRX300EX	TE19E	3500	3500	3500	3500
	CRF80F	HE01E				5000	350	TRX350FM/FE	TE25E	3250	3250	3250	3250
	XR80R	HE01E	5000	5000	5000			TRX350TE/TM	TE24E	3250	3250	3250	3250
85	CR85R*	HE07E			6250	6250	400	TRX400EX	TE23E	3500	3500	3500	3500
	CR85RB*	HE07E			6250	6250		TRX400FA	TE29E				3250
100	CRF100F	HE03E				4750		TRX400FGA	TE29E				3250
	XR100R	HE03E	4750	4750	4750			TRX400FW	TE20E	3000	3000	3500	
125	CR125R*	JE01E	5750	5750	5750	5750	450	TRX450ES	TE22E	3125			
150	CR150F	KE01E			4250	4250		TRX450FM/FE	TE22E		3125	3125	3125
200	XR200R	ME04E	4000	4000				TRX450R	TE30E				3750
230	CRF230F	ME09E			4000	4000		TRX450S	TE22E	3125			
250	CR250R*	ME03E	4000	4000	4000	4000	500	TRX500FA	TE26E	3250	3250	3250	3250
	CRF250R	ME01E				5500		TRX500FGA	TE26E				3250
	CRF250X	ME11E				4500	650	TRX650FA	TE28E			3000	3000
	XR250R 49S	ME06E	3500	3500	3500	3500		TRX650FGA	TE28E				3000
	XR250R CA	ME06E	4000	4000	4000	4000							
400	XR400R	NE03E	3750	3750	3750	3750							
450	CRF450R*	PE053		4500	4500	4500							
650	XR650L	RD06E	3000	3000	3000	3000							
	XR650R	RE01E	3250	3250	3250	3250							

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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					
			2001	2002	2003	2004				2001	2002	2003	2004		
50	KDX50-A1	A102			2500		50	KSF50-A1	A110-			2500			
60	KX60*- B16, B18, B19	KX060BE	6000	6000	6000		80	KSF80-A1	C113-			3500			
65	KX65*-A2, A3,A4,A5	KX065AE	6000	6250	6250	6250	220	KLF220-A14/L, A15/L	LF220AE	3750	3750				
85	KX85*-A1,A2,A3,A4	KX085AE	6000	6000	6000	6000	250	KSF250-A15/L-A17/L, A18	SF250AE	4000	4000	4000	4000		
100	KE100-B20	G5E21	3750					KLF250-A1/L, A2	LF250AE		3500	3500	3500		
	KX100* - D1,D2,D3,D4	KX100CE	5750	5750	5750	5750	300	KEF300-B1, B2, B4	EF300AE	3500	3500		3500		
110	KLX110-A1,A2,A3	LX110AE		3500	3500	3500		KEF300-B3L,	EF300AE			3250			
125	KX125* - L3,L4	KX125LE	5750	5625				KLF300-B14/L-B16/L, B17	LF300AE	3250	3250	3250	3250		
	KX125-M1,M2*	KX125ME			5750	5750		KLF300-C13/L-C15/L, C16	LF300AE	3250	3250	3250	3250		
	KLX125*- A1	F445			4000			KVF300-A3, A4	VF300AE	3500	3500				
	KLX125-B1	F445			4000		360	KVF360-A1, A2	VF360AE			3500	3500		
200	KDX200-H7-H10	DX200HE	4000	4000	3500	3500		KVF360-B1, B2	VF360AE			3500	3500		
220	KDX220-A8-A11	DX220AE	3750	3750	3500	3500		KVF360-C1, C2	VF360AE			3500	3500		
250	KL250-D18/L-D21/L	KL250DE	4250	4250	4250	4250	400	KSF400-A1L	K428-			3500			
	KL250-G5,G6,G7,G8	KL250GE	4000	4000	4000	4000	650	KVF650-A1, A2	VF650AE		3250	3250			
	KX250* - L3, L4	KX250LE	4250	4250				KVF650-B2	VF650AE			3250			
	KX250* - M1, M2	KX250ME			4250	4250	700	KSV700-A1,B1	SV700AE				3250		
	KX250* - N1*	KX250NE				5500		KVF700-A1,B1	VF700AE				3250		
300	KLX300-A6/L-A8/L, A9	LX300AE	3500	3500	3500	3500									
400	KLX400-A1L	K419-			3750										
	KLX400-B1	K417			4000										
500	KX500* - E13-E16	KX500BE	3500	3500	3500	3500									
650	KL650-A15/L-A18/L	KL650AE	3250	3250	3250	3250									

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KTM MOTORCYCLES							POLARIS ATVs							
Engine		Test RPM						Engine			Test RPM			
Size		Engine	Model Year					Size		Engine	Model Year			
(in cc)	Model	Prefix	2001	2002	2003	2004	(in cc)	Model	Prefix	2001	2002	2003	2004	
50	50 Mini Adventure*	450	4800	4800	4800	4800		50	Predator 50	AR03-01			3750	3000
	50 Jr/Sr Adventure*	450	4800	4800	4800	4800		50	Scrambler 50	AR03-01	3750	3750	3750	
	50 SX Pro Junior*	450	4800	5100	5100	5100		90	Scrambler 90	AR07-01	3750	3750	3750	
	50 SX Pro Senior*	451	5100	5100	5100	5100			Sportsman 90	AR07	3750	3750	3750	
65	65 SX*	460	4750	4750	4750	4750			Predator 90	AR07			3750	3000
85	85 SX	490				4725		250	Trail Blazer	EC25PFE15	3000	3000	3000	3000
105	105 SX	490				4725			Xplorer 4x4	EC25PFE15	3000	3000		
125	125 SX*	503	5600	5600	5600	5600		325	Magnum 325 2x4	ES32PFE08	3000	3000		
	125 EXC*	503	5200						Magnum 325 4x4	ES32PFE08	3000	3000		
200	200 EXC*/MXC*	523	4000	4000	4000	4000			Trail Boss	ES32PFE09	3000	3000		
250	250 SX*/EXC*	546	3750	3750	3750	3750			Xpedition 325	ES32PFE03	3000	3000		
	250 MXC*	546	3750					330	Magnum 330 2X4	ES32P10			3375	3375
300	300 EXC*/MXC*	547	3550	3550	3550	3550			Magnum 330 4X4	ES32P10			3375	3375
380	380 SX*/MXC*	547	3550	3550					Trail Boss 330	ES32P10			3375	3375
	380 EXC*	547	3550					400	Xplorer 400	EC38PLE10	2750	2750		
400	400 SX*/EXC* Racing	595	4625	4625		4625			Scrambler 400 2x4	EC38PLE09	3000	3000		
	400 MXC* Racing	595	4625	4625					Scrambler 400 4x4	EC38PLE09		3000		
	400 LC4	575	3500						Trail Blazer 400	EC38PLE			3000	
450	450 SX*/MXC*/EXC* Racing	595			4625	4625		425	Sportsman 400	EH42P05	3000	3000	3000	3000
520	525 SX*/MXC*/EXC* Racing	590	4600	4600	4600	4600			Xpedition 425	EH42PLE04	3000	3000		
625	625 SXC	584				3450		500	Magnum 500	EH50P04	3000	3000	3000	3000
640	LC4/LC4 ADV R	584	3450	3450	3450				Magnum 500 RMK	EH50PLE08	3000	3000		
	LC4 Supermoto*	584	3450	3450		3450			Scrambler 500 2x4	EH50PLE12	3250	3250		
950	LC8 Adventure	600				4750			Scrambler 500 4x4	EH50P02	3250	3250	3250	3250
									Sportsman 500 HO	EH50P13	3150	3150	3150	3150
									Sportsman 6x6	EH50P10	3000	3000	3000	3000
									Diesel	DW46PLE02	2000	2000		
									Predator 500	ES50P01			4000	4000
								600	Sportsman 600	EH59P11			3000	3000
								700	Sportsman 700	EH68P15		3000	3000	3000
									Sportsman 700 EFI	EH68P21				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			
			2001	2002	2003	2004				2001	2002	2003	2004
50	JR50	A102	2500	2500	2500	2500	50	LT50, LT-A50	A110		2500	2500	2500
60	RM60*	KX060BE				5250	80	LT80	C113		3500	3500	3500
65	RM65*	KX65B				6250	160	LT160E, LTF160	G402	4000		4500	4500
80	DS80/JR80	C106	3750	3750	3750	3750	250	LT250-4WD, LT-F250F	J413	3750	3750	3750	
	JR80	A102				3750		LT-F250, LT-Z250	J417, J434, J437	3500	3500	3500	3500
	RM80*	D101, D104, D106, E106	6125				300	LT-F300F KING QUAD, LTF4WDX	K403	3500	3500	3500	3500
85	RM85*, RM85L	D107		6000	6000	6000	400	LT-A400/F	K420, K421		3250	3250	3500
100	RM100*	KX100CE				5750		LT-F400/F	K422, K423		3500	3500	3500
110	DR-Z110	LX110A			3500			LTZ400	K428			3500	3500
	DR-Z110	LX110BE				3500	500	LT-F500F	M405, M407, M411	3000	3000		
125	DR-Z125, DR-Z125L	F403, F413, F417, F445			4000	4000		LT-F500F				3250	3250
	RM125*	F106, F108, F113, F114, F134	5750	5750	5750	5750		LT-A500F VINSON	M409		3000		
200	DR200, DR200SE	H401, H402	4250	4250	4250	4250		LT-A500F	M407, M409				3000
250	DR-Z250	J428	4000	4000	4000	4000							
	RM250*	115, J119	4000	4000	4000	4000							
	RM-Z250*	KX250NE				TBD							
400	DRZ400/E	K416, K417	4000	4000	4000	4000							
	DRZ400S/E	K419	3750	3750	3750	3750							
650	DR650SE	P409	3250	3250	3250	3250							

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YAMAHA MOTORCYCLES							YAMAHA ATVs							
Engine			Test RPM					Engine			Test RPM			
Size		Engine	Model Year					Size		Engine	Model Year			
(in cc)	Model	Prefix	2001	2002	2003	2004	(in cc)	Model	Prefix	2001	2002	2003	2004	
50	PW50	3PT	3750	3750	3750	3750	50	YFM50	A303E				4000	
80	PW80	3RV	3750	3750	3750	3750	80	YFM80	4EM/B302E	3750	3750	3750	3750	
	YZ80*	4ES	6000	6000			125	YFM125A	E365E				3500	
85	YZ85*	B111E	6000	6000	6000	6000		YFA1	3FA/E307E	3750	3750	3750	3750	
90	TTR90	B301E	3500	3500	3500	3500	200	YFS200	3JM	3500	3500	3500	3500	
125	TTR125	E309E	4000	4000	4000	4000	250	YFB250FW	4KD	3500	3500			
	YZ125*	E112E	5750	5750	5750	5750		YFM250	G302E	3500	3500	3500	3500	
200	TW200	3AW	3500	3500	3500	3500	350	YFM350FX	H306E	3500	3500	3500	3500	
225	TTR225	G304E	3750	3750	3750	3750		YFM350X	3GD	3500	3500	3500	3500	
	XT225	4BE	4000	4000	4000	4000		YFZ350	3GG	3750	3750	3750	3750	
250	TTR250	G307E	3750	3750	3750	3750		YFM350FWA	H315E				3500	
	WR250F	G322E	5250	5250	5250	5250		YFM350A	H316E				3500	
	YZ250*	G106E	4250	4250	4250	4250		YFM350	H318E				3500	
	YZ250F*	G321E	5250	5250	5250	5250	400	YFM400FWA	J304E	3500	3500	3500	3500	
426	WR426F	H309E	4250	4250				YFM400A	J305E	3500	3500	3500	3500	
	YZ426F*	J308E	4500	4500				YFM400N	H312E	3500	3500	3500	3500	
450	WR450F	J314E			4500	4500		YFM400FWN	H310E	3500	3500	3500	3500	
	YZ450F*	J313E			4500	4500	450	YFM450FWAN	J310E			3125	3125	
								YFZ450	J317E				3750	
								600	YFM600FWA	J303E	3500	3500		
								660	YFM660R	M301E	3250	3250	3250	3250
									YFM660FWA	M302E	3125	3125	3125	3125
									YXR660F	M305E				3125

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