



## 2001 - 2003 Model Test RPM Data (Updated 5/9/03)

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

ARCTIC CAT ATVs					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			Model Year		
			2001	2002	2003
90	90 2x4	JA90		3500	3500
250	250 2x4	J432	3750	3750	3750
	250 4x4	J433	3750	3750	3750
300	300 2x4	K411	3500	3500	3500
	300 4x4	K411	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
	400A 4x4	K425			3250
	400M 2x4	K426			3500
	400M 4x4	K427			3500
500	500A 4x4	M408	3000	3000	
	500M 4x4	M406	3000	3000	
	500A 4x4	M410			3000
	500M 4x4	M412			3000

HONDA MOTORCYCLES					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			Model Year		
			2001	2002	2003
50	XR50R	AE03E	4250	4250	4250
70	XR70R	DE02E	4000	4000	4000
80	CR80R*/RB*	HE04E	6250	6250	
	XR80R	HE01E	5000	5000	5000
85	CR85R*/RB*	HE07E			3125
	CR85B*	HE07E			3125
100	XR100R	HE03E	4750	4750	4750
125	CR125R*	JE01E	5750	5750	5750
150	CR150F	KE01E			4050
200	XR200R	ME04E	4000	4000	
230	CRF230F	ME09E			3650
250	CR250R*	ME03E	4000	4000	4000
	XR250R 49S	ME06E	3500	3500	3500
	XR250R CA	ME06E	4000	4000	4000
400	XR400R	NE03E	3750	3750	3750
450	CRF450R*	PE053		4500	4500
650	XR650L	RD06E	3000	3000	3000
	XR650R	RE01E	3250	3250	3250

BOMBARDIER ATVs					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			Model Year		
			2001	2002	2003
175	Rally	Rotax 175			4100
400	Outlander 400	Rotax 400			3500
500	Traxter Models - All	Rotax 511	3125	3125	3125
	Quest 500	Rotax 514		3700	3700
650	DS Model - All	Rotax 654	3250	3250	3250
	Quest 650, XT	Rotax 610		3525	3525

HONDA ATVs					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			Model Year		
			2001	2002	2003
90	TRX90	TE18E	3750	3750	3750
250	TRX250	TE06E	3250		
	TRX250EX	TE27E		3500	3500
	TRX250TM/TE	TE21E		3250	3250
300	TRX300EX	TE19E	3500	3500	3500
350	TRX350FM/FE	TE25E	3250	3250	3250
	TRX350TE/TM	TE24E	3250	3250	3250
400	TRX400EX	TE23E	3500	3500	3500
	TRX400FW	TE20E	3000	3000	3500
450	TRX450ES	TE22E	3125		
	TRX450FM/FE	TE22E		3125	3125
	TRX450S	TE22E	3125		
500	TRX500FA	TE26E	3250	3250	3250
	TRX650FA	TE28E			3000

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KAWASAKI MOTORCYCLES					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			2001	2002	2003
50	KDX50-A1	A102-			2500
60	KX60-B16, B18*, B19	KX060BE	6000	6000	6000
65	KX65-A2, A3*, A4	KX065AE	6000	6250	6250
85	KX85-A1, A2*, A3	KX085AE	6000	6000	6000
100	KE100-B20	G5E21	3750		
	KX100-D1, D2*, D3	KX100CE	5750	5750	5750
110	KLX110-A1, A2	LX110AE		3500	3500
125	KX125-L3, L4*	KX125LE	5750	5625	
	KX125-M1	KX125ME			5750
	KLX125-A1	F445-			4000
	KLX125-B1	F445-			4000
200	KDX200-H7, H8, H9	DX200HE	4000	4000	3500
220	KDX220-A8, A9, A10	DX220AE	3750	3750	3500
250	KL250-D18/L-D20/L	KL250DE	4250	4250	4250
	KL250-G5, G6, G7	KL250GE	4000	4000	4000
	KX250-L3, L4*	KX250LE	4250	4250	
	KX250-M1	KX250ME			4250
300	KLX300-A6/L-A8/L	LX300AE	3500	3500	3500
400	KLX400-A1L	K419-			3750
	KLX400-B1	K417			4000
500	KX500-E13, E14*, E15	KX500BE	3500	3500	3500
650	KL650-A15/L-A17/L	KL650AE	3250	3250	3250

KTM MOTORCYCLES					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			2001	2002	2003
50	50 Mini Adventure*	450	4800	4800	4800
	50 Jr/Sr Adventure*	450	4800	4800	4800
	50 SX Pro Junior*	450	4800	5100	5100
	50 SX Pro Senior*	451	5100	5100	5100
65	65 SX*	460	4750	4750	4750
125	125 SX*	503	5600	5600	5600
	125 EXC*	503	5200		
200	200 EXC*/MXC*	523	4000	4000	4000
250	250 SX*/EXC*	546	3750	3750	3750
	250 MXC*	546	3750		
300	300 EXC*/MXC*	547	3550	3550	3550
380	380 SX*/MXC*	547	3550	3550	
	380 EXC*	547	3550		
400	400 SX*/EXC* Racing	595	4625	4625	
	400 MXC* Racing	595	4625	4625	
	400 LC4	575	3500		
450	450 SX*/MXC*/EXC* Racing	595			4625
520/525	520/525 SX*/MXC*/EXC* Racing	590	4600	4600	4600
640	LC4/LC4 ADV R	584	3450	3450	3450
	LC4 Supermoto*	584	3450	3450	

KAWASAKI ATVs					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			2001	2002	2003
50	KSF50-A1	A110-			2500
80	KSF80-A1	C113-			3500
220	KLF220-A14/L, A15/L	LF220AE	3750	3750	
250	KSF250-A15/L-A17/L	SF250AE	4000	4000	4000
	KLF250-A1/L	LF250AE		3500	3500
300	KEF300-B1, B2	EF300AE	3500	3500	
	KEF300-B3L	EF300AE			3250
	KLF300-B14/L-B16/L	LF300AE	3250	3250	3250
	KLF300-C13/L-C15/L	LF300AE	3250	3250	3250
	KVF300-A3, A4	VF300AE	3500	3500	
360	KVF360-A1	VF360AE			3500
	KVF360-B1	VF360AE			3500
	KVF360-C1	VF360AE			3500
400	KSF400-A1L	K428-			3500
650	KVF650-A1, A2	VF650AE		3250	3250
	KVF650-B2	VF650AE			3250

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YAMAHA MOTORCYCLES					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			Model Year		
			2001	2002	2003
50	PW50	3PT	3750	3750	3750
80	PW80	3RV	3750	3750	3750
	YZ80*	4ES	6000	6000	
85	YZ85*	B111E	6000	6000	6000
90	TTR90	B301E	3500	3500	3500
125	TTR125	E309E	4000	4000	4000
	YZ125*	E112E	5750	5750	5750
200	TW200	3AW	3500	3500	3500
225	TTR225	G304E	3750	3750	3750
	XT225	4BE	4000	4000	4000
250	TTR250	G307E	3750	3750	3750
	WR250F	G322E	5250**	5250**	5250
	YZ250*	G106E	4250	4250	4250
	YZ250F*	G321E	5250	5250	5250
426	WR426F	H309E	4250	4250	
	YZ426F*	J308E	4500	4500	
450	WR450F	J314E			4500
	YZ450F*	J313E			4500
<b>YAMAHA ATVs</b>					
Engine Size (in cc)	Model	Engine Prefix	Test RPM		
			Model Year		
			2001	2002	2003
80	YFM80	4EM/B302E	3750	3750	3750
125	YFA1	3FA/E307E	3750	3750	3750
200	YFS200	3JM	3500	3500	3500
250	YFB250FW	4KD	3500	3500	
	YFM250	G302E	3500	3500	3500
350	YFM350FX	H306E	3500	3500	3500
	YFM350X	3GD	3500	3500	3500
	YFZ350	3GG	3750	3750	3750
400	YFM400FWA	J304E	3500	3500	3500
	YFM400A	J305E	3500	3500	3500
	YFM400N	H312E	3500	3500	3500
	YFM400FVN	H310E	3500	3500	3500
450	YFM450FWAN	J310E			3125
600	YFM600FWA	J303E	3500	3500	
660	YFM660R	M301E	3250	3250	3250
	YFM660FWA	M302E	3125	3125	3125

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