



1985-2005 Model Test RPM Data

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

Revised 6/23/06

ARTIC CAT ATVs																															
Engine Size (cc)	MODEL	ENGINE PREFIX	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005								
TEST RPM																															
50	50 2x4	JA50																						2750	2750						
90	90 2x4 2 Stroke	JA90																						3500	3500	3500					
	90 2x4 4 Stroke	CT90																						3500	3500	3750	3750				
250	250 2x4	J432																4850	4850	3750	3750	3750	3750	3750	3750	3750					
	250 4x4	J433																						3750	3750	3750	3750				
300	300 2x4	K411																						4650	4650	4650	3500	3500	3500		
	300 4x4	K411																						4650	4650	4650	3500	3500	3500	3500	
375	375A 2x4,4x4	K424,K425																													
400	400 2x4	K408																													
	400 4x4	K413																													
	400A 2x4	K424																										3250	3250		
	400A 4x4	K425																										3250	3250	3250	
	400M 2x4	K426																										3500	3500		
	400M 4x4	K427																										3500	3500	3500	
	400 DVX	K428,K430																										3500	3500		
454	454 2x4	K404																													
	454 4x4	M403,K403																	4300	4300											
500	500/M 4x4	M406																													
	500A 4X4	M408																													
	500A 4x4	M410																											3000	3000	3000
	500M 4x4	M412																										3000	3000	3000	
650	650A H1 4x4	10A650																												3500	
	650A V-2	VF650																											3250	3250	

ATK MOTORCYCLES																														
Engine Size (cc)	MODEL	ENGINE PREFIX	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005							
TEST RPM																														
250	ATK250(all)	148							5000	5000	5000																			
	250	257																												
	260LQ	287																												
350	350	348																												
	ATK350(all)	237							5500	5500	5500																			
406	ATK406(all)	157							4500	4500	4500																			
604	ATK604(all)	257							4000	4000	4000																			
605	605	604,504																												
	605	560																												
Note: Test RPM not available after 1995 model year																														

BOMBARDIER ATVs																																			
Engine Size (cc)	MODEL	ENGINE PREFIX	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005												
TEST RPM																																			
50	DS 50	DS 50																												3500					
90	DS 90 2 Stroke	DS 90 2																												3315					
	DS 90 4 Stroke	DS 90 4																												3250					
175	Rally	Rotax 175																												4100	4100	4100			
330	Outlander 300	Rotax 325																												3600	3600				
400	Outlander 400	Rotax 400																												3500	3500	3500			
500	Traxter Models - ALL	Rotax 511																												3125	3125	3125	3125	3125	3125
	Quest 500	Rotax 514																													3700	3700	3700	3700	
650	DS Models - ALL	Rotax 654																												3250	3250	3250	3250	3375	3375
	Quest 650, XT	Rotax 610																													3250	3525	3525	3525	3525

HONDA MOTORCYCLES																												
Engine	MODEL	ENGINE	MODEL YEAR																									
Size		PREFIX	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005					
(cc)			TEST RPM																									
50	CRF50F	AE03E																					4250	4250				
	XR50R	AE03E																					4250	4250				
	Z50R	AB02E	3750	3750	3750	4250		4250			4250	4250	4250	4250	4250	4250	4250											
	ZB50	AB22E				4000																						
70	CRF70F	DE02E																						4000	4000			
	CT70	DB01E									4000	4000	4000	4000														
	XR70R	DE02E														4000	4000	4000	4000	4000	4000	4000						
80	CR80R*/RB*	HE04E	7500	6000	6000	6000		6000	6000	6000	6000	6000	6000	6000	6250	6250	6250	6250	6250	6250	6250	6250						
	CRF80F	HE01E																						5000	5000			
	XL80S	HD04E	3250																									
	XR80R	HE01E	5250	5250	5000	5000			5000	5000		5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000				
85	CR85R*/RB*	HE07E																						6000	6000			
90	EZ90(CUB)	HE06E								3125	3125	3125	3125	3125	3125													
100	CRF100F	HE03E																						4750	4750			
	XL100S	HD05E	4750																									
	XR100	HE03E	4750									4500	4500	4500														
	XR100R	HE03E		4750	4500	4500		4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4500	4750	4750	4750				
110	CT110	JD01E		3750																								
125	CR125R*	JE01E	5750	5750	5750	5500		5500	5500	5500	5500	5500	5500	5500	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750				
	XL125S	JD02E	4750																									
150	CRF150F	KE01E																						4250	4250	4250		
200	XR200R	ME04E, ME05E		4250	4000	4000			4000	4000		4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000					
230	CRF230F	ME09E																						4000	4000	4000		
250	CR250R*	ME03E	4000	4250	4000	4250		4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000			
	CRF250R*	ME01E																							5500	5500		
	CRF250X	ME11E																							4500	4500		
	XR250L	MD22E									4000	4000	4000	4000	4000	3000												
	XR250R	49S ME06E		2000	2000	2000		2000	4000	4000	4000	4000	4000	4000	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500			
	XR250R	CA ME06E															4000	4000	4000	4000	4000	4000	4000	4000	4000			
350	XL350R	ND03E	3750																									
	XR350R	NE01E	3750																									
400	FL400	TE16E							3000																			
	XR400R	NE03E													3500	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750			
450	CRF450R*	PE05E																							4500	4500	4500	
	CRF450X	PE06E																								3750		
500	CR500R*	PE02E	3250	3250	3250	3000		3500	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000					
600	XL600R	PD03E	3000	3000	3000																							
	XR600R	49S PE04E	3250	3250	3250	3125		3125	3125	3250	3250	3250	3250		3250	3250	3250	3250	3250	3250	3250	3250						
	XR600R	CA PE04E															3000	3000	3000	3000								
650	XR650L	RD06E										3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000			
	XR650R	RE01E																						3250	3250	3250	3250	3250

* Not certified to meet federal EPA noise regulations for newly manufactured motorcycles

HONDA ATVs																							
Engine	MODEL	ENGINE	MODEL YEAR																				
Size (cc)		PREFIX	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
			TEST RPM																				
70	ATC70	TB03E	3500																				
	TRX70	TE10E		3500	3500																		
90	TRX90	TE18E																					
110	ATC110	TB02E	3875																				
125	ATC125M	TE01E	3750	3750	3750																		
	TRX125	TE01E/5E	2750	3750	3750	3750																	
200	ATC200X	TB05E	4000	3750	3750																		
	ATC200M	TB05E	3500																				
	ATC200S	TB05E	3500	3500																			
	TRX200D	TE17E						3000	3000	3000	3000	3000	3000	3000	3000								
	TR200	TE11E		3500	3500																		
	TRX200SX	TE03E		3250	3250	3250																	
	TLR200	MD19E		3250	3250																		
250	ATC250ES	TE04E	3500	3500	3500	3500																	
	ATC250R	TB06E	3500	3750																			
	ATC250SX	TE04E	3500	3500	3500																		
	TRX250	TE06E	3500	3500	3500																		
	TRX250	TE21E																					
	TRX250R	TE12E		3500																			
	TRX250R	TE06E			3500	3500		3500															
	TRX250X	TE13E			3750	3750		3500															
	TRX250EX	TE27E																					
	TRX250TM/TE	TE21E																				3500	3500
																						3250	3250
300	TRX300	TE14E				3250		3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250				
	TRX300EX	TE19E										3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
	TRX300FW	TE15E				3250			3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250				
350	ATC350X	TE08E	3500	3500																			
	TRX350D	TE07E		3000	3000	3000		3000															
	TRX350FE/FM	TE25E																				3250	3250
	TRX350TE/TM	TE24E																				3250	3250
400	TRX400EX	TE23E																				3500	3500
	TRX400FA/FGA	TE29E																				3500	3500
	TRX400FW	TE20E												3000	3000	3000	3000	3000	3000	3000	3000	3000	3500
450	TRX450ES/S	TE22E																				3125	3125
	TRX450FM/FE	TE22E																				3125	3125
	TRX450R	TE30E																					3750
500	TRX500FA/FGA	TE26E																				3250	3250
	TRX500FE/FM/TM	TE31E																				3250	3250
650	TRX650FA	TE28E																					3000
	TRX650FGA	TE28E																					3000

KAWASAKI MOTORCYCLES																															
Engine Size (cc)	MODEL	ENGINE PREFIX	MODEL YEAR																												
			1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005								
TEST RPM																															
50	KDX50-A1-3	A102																								2500	2500	2500			
60	KX60-B1-4,B9-11,B17-19*	KX060BE	6000	6000	6000	6000						6000	6000	6000												6000	6000	6000			
	KX60-B6-8*	KX060BE							3750	3750	3750																				
	KX60-B12-16*	KX60BE																													
65	KX65-A1-A6*	KX065AE																								6300	6000	6250	6250	6250	6250
	KD80-M7-8	KD080ME		3250	3250																										
	KD80-N1-2	AR080AE				3500		3500																							
	KDX80-C1-3,C5	DX080BE	5000	5000																											
	KX80-E3,G1-2*	KX080EE	6000	6000	6000																										
	KX80-L1-3,R1-75, T1-4*	KX080EE/RE				6000		6000	6000	6000	6000	6000	6000																		
	KX80-R6-7,W1-3*	KX80RE/WE																								6300	6300	6300	6300	6300	
85	KX85-A1-A5*	KX085AE																									6000	6000	6000	6000	6000
100	KE100-B5-7,9-14	G5E,G5E1		3750		3750			3750	3750	3750	3750	3750	3750																	
	KE100-B15-19	G5E201/203																													
	KE100-B20	G5E21																													
	KX100-B5-7,C1-3*	KX100BE/CE																													
	KX100-D1-5*	KX100CE																													
110	KLX110-A1-4	LX110AE																													
125	KLX125-A1,B1	F445																													
	KX125-D1,E1-2*	KX125DE	5500	5500	5750																										
	KX125-F1,G1,H1-2,J1-2*	KX125FE/JE				5750		5750	5750	5750	5750	5750																			
	KX125-K1-5*	KX125KE																													
	KX125-L1-2*	KX125KE																													
	KX125-L3, L4*	KX125LE																													
	KX125-M1-3*	KX125ME																													
200	KDX200-A3	DX200AE	3750							6000	6000	6000																			
	KDX200-C1-3	DX200CE		3500	3500	3500																									
	KDX200-E1-6	DX200EE							3750	4000	4000	4000	4000	4000																	
	KDX200-H1-11	DX200HE																													
220	KDX220-A4-12	DX220AE																													
250	KDX250-D1-4	DX250DE/FE									3750	3750	3500	3500																	
	KL250-D2-12	KL250DE	4500	4500	4250	4250		4250	4250	4250	4250	4250	4250	4250																	
	KL250-D13-17	KL250DE																													
	KL250-D18-22	KL250DE																													
	KL250-G5-7 Super Sherpa	KL250GE																													
	KLX250-D1-4	LX250DE											4250	4250	4250	3900															
	KX250-D1-2*	KX250DE	4200	4000																											
	KX250-E1,F1,G1,H1-2,J1-2*	KX250EE				4250	4000		4000	4000	4000	4000	4250																		
	KX250-K1-5,L1-2*	KX250KE/LE												4000	4250	3700	3700	3700	3700	3700											
	KX250-L3, L4*	KX250LE																									4250	4250			
	KX250-M1-2* (2 Stroke)	KX250ME																													
	KX250-N1-2* (4 Stroke)	KX250NE																													
	KX250-R1*	KX250RE																													
300	KLX300-A2-5	LX300AE																													
	KLX300-A6-10	LX300AE																													
400	KLX400-A1L	K419																													
	KLX400-B1	K417																													
500	KX500-B1-2,C1,D1,E1-7*	KX500BE	3500	3250	3500	3500		3500	3500	3500	3500	3500	3500	3500																	
	KX500-E8-12*	KX500BE																													
	KX500-E13-16*	KX500BE																													
600	KL600-B1-2	KL600AE	3500	3500																											
650	KL650-A1-9,B2 KLR	KL650AE/A				3250	4250		N/A	3250	3250	3250	3250	3250	3250																
	KL650-A10-14 KLR	KL650KE																													
	KL650-A15/L-A17/L	KL650AE																													
	KLX650R-A1-3	LX650AE												3250	3250	3250															
	KLX650-C1-4,D1	LX650AE												3250	3250	3250	3000														
* Not certified to meet federal EPA noise regulations for newly manufactured motorcycles																															

KTM MOTORCYCLES																									
Engine Size (cc)	MODEL	ENGINE PREFIX	MODEL YEAR																						
			1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		
TEST RPM																									
50	Adventure,SX Mini Adv*	450															4500	4500	4500	4500					
	SX*	450										4800	4800	4800	4800										
	SX3*	450											4500		4500										
	SXR,SXRP*,SXR PRO Jr/Sr*	450												4800	4800	4800	4800								
	50 Jr/Sr/Mini Adventure*	450																	4800	4800	4800	4800	4800	4800	
	50 SX Pro Junior*	450																		4800	5100	5100	5100	5100	
	50 SX Pro Senior*	451																			5100	5100	5100	5100	
65	65SX*	460															4750	4750	4750	4750	4750	4750	4750	4750	
80	MX*	490			6000	6000																			
	MX*	490			5750		5750																		
85	85 SX*	490																					4725	4725	
105	105 SX*	490																					4725	4725	
125	MX*,MXC*	500	4900	4900	4900																				
	MXC*	502			5600																				
	MX*	502			5600		5600	5750	5750	5750															
	SIX DAY*	502											5500		5500										
	SX*,EXC*	502,503								5600	5600	5600	5600	5600	5600	5600	5600	5600	5600	5600	5600	5600	5600	5600	
	DXC*	502						5750																	
200	EXC*,MXC*,Jack Piner*	523															4000	4000	4000	4000	4000	4000	4000	4000	
250	DXC*	545,546				4100		4100	4075	4075	4075														
	EXC*	546							4015	4015	4015		4000	4000	4000	4000	4000	4000	4000	3750	3750	3750	3750	3750	
	MX*	543	3700	3900	4025																				
	MX*	545,546				4100		4100	4075	4075	4075														
	MXC*	542,546	3700	3900														4000	4000	3750	3750				
	SIX DAY*	546							4015					3750											
	SX*	546										4075	4075	4075	4075	4075	4075	4075	3750	3750	3750	3750	3750	3750	
	TXC	546									3750														
300	DX*,MX*,SX*	556							4025	4025	4025														
	MXC*	556										3550	3550	3550	3550	3550	3550	3550	3550						
	EXC*	556							3965	3965	3965	3550	3550	3550	3550	3550	3550	3550							
	TXC	556							3965	3965	3965														
	EXC*/MXC*	547																			3550	3550	3550	3550	
350	MX*,MXC*	555	3700	3600	4025	3250		3250																	
	EXC*	555						3600	3600																
360	SX*,EXC*,MXC*	547															3600	3600							
380	EXC*,MXC*,SX*	547																	3550	3550	3550	3550	3550		
400	EXC*	576,595										3800	3800	3800	3800	3500	3500	3500							
	LC4EXC*, RXC,RXCe	576										3500	3500	3500	3500	3500									
	SX*,TXC	576																	3500						
	SX*,EXC* Racing	595																				4625	4625	4625	
	MXC* Racing	595																				4625	4625		
	LC4	575																				3500			
440	EXC*,MXC*	565										3250	3250												
450	SX*,MXC*,EXC* Racing	595																					4625	4625	4625
500	GS	565	3250	2950																					
	MX/MXC*	565	3250	2950	4025	2950		2950	4450	4450															
	SX*	565									3250														
520/525	SX*,MXC*,EXC* Racing	590																				4600	4600	4600	4600
540	DXC*	565							4375	4375															
550	DXC*,E550 MXC*	565									3250	3250	3250	3250	3250										
600/620	EXC*/DXC*/MX/ MXC*	580			4000			4000	4000	4000	4000														
	LC4 EXC*/RXC*/RXCe*	583										3625	3625	3625	3625	3625									
	SX*/TXC	583													3625	3625	3625								
625	625 SXC	584																					3450	3450	
640	LC4 DUAL	584																		3450	3450				
	LC4,LC4 ADVENTURER	584																		3450	3450	3450	3450	3450	
	LC4 Supermoto*	584																				3450	3450		
950	LC8 Adventure	600																					4750	4750	

* Not certified to meet federal EPA noise regulations for newly manufactured motorcycles

POLARIS ATVS																														
Engine Size (cc)	MODEL	ENGINE PREFIX	MODEL YEAR																											
			1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005							
TEST RPM																														
50	Predator 50/Scrambler 50	AR03-01																							3750	3750	3750	3000	3000	
90	Predator 90	AR07																										3750	3000	3000
	Scrambler 90	AR07-01																								3750	3750	3750		
	Sportsman 90	AR07																										3750	3000	3000
200	Phoenix 200	V39																											3750	
250	Cyclone					3750																								
	Scrambler		3000	3000																										
	Trail Boss 250, 2X4,4X4	ALL			3000	3000		3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000						
	Trail Blazer	EC25PF 07/09/11																												
	Trail Blazer ES	EC25PFE09																												
	Trail Blazer	EC25PFE15																												
	Xplorer 4x4	EC25PFE15																												
300	2X4 300,4X4 300	EC28PFE01																												
	Xplorer 300	EC28PFE01/02																												
	Xpress 300	EC28PFE01/02																												
325	Magnum 325	ES32PFE 01/04/05																												
	Trail Boss 325	ES32PFE 01/04/05/09																												
	Magnum 325 2X4, 4X4	ES32PFE08																												
	Xpedition 325	ES32PFE03																												
330	ATP 330	ES32P10																												
	Magnum 330 2X4,4X4	ES32P10																												
	Trail Boss 330	ES32P10																												
335	Sportsman 335	ES33PFE01/02																												
350	Trail Boss 2X4	EC35PL02								2900	2900	2900																		
	Trail Boss 4X4	EC35PL02								2900	2900	2900	2900																	
400	2X4 400L	EC38PLE01																												
	4X4 400L	EC38PLE01																												
	Scrambler 4X4/400L	EC38PLE 03/05/07/09																												
	Scrambler 400 2X4,4X4	EC38PLE09																												
	Sport 400/400L	EC38PLE 03/05/07/09																												
	Sportsman 4X4/400L	EC38PLE 01/04/06																												
	Sportsman 400	EH42P05																												
	Trail Blazer 400	EC38PLE																												
	Xplorer 4X4/400L/400	EC38PLE																												
	Xpress 400L	EC38PLE04/06																												
425	Magnum 2X4	EH42PLE01/02																												
	Magnum 4X4	EH42PLE01/02																												
	Xpedition 425	EH42PLE04																												
500	ATP 500	EH50P20																												
	Diesel	DW46PLE01/02																												
	Magnum 500/RMK	EH50P04/08																												
	Predator 500	ES50P01																												
	Scrambler 500	EM50PLE02/04																												
	Sportsman 500	EM50PLE 01/05/07/09																												
	Scrambler 500 2x4	EH50PLE12																												
	Scrambler 500 4x4	EH50P02/04																												
	Sportsman 500 HO	EH50P13																												
	Sportsman 6x6	EH50P10																												
	Xplorer 500	EM50PLE07																												
600	Sportsman 600	EH59P11																												
700	Sportsman 700	EH68P15																												
	Sportsman 700 EFI	EH68P21																												
800	Sportsman 800 EFI	EH76																												

** Note test rpm for Scrambler 500 4X4 revised 6/23/06 (previously 3250).

SUZUKI MOTORCYCLES																												
Engine Size (cc)	MODEL	ENGINE PREFIX	MODEL YEAR																									
			1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005					
TEST RPM																												
50	JR50	A102	3000	3000	3000	3000		3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
60	RM60*	KX060BE/CE																							5250	5250		
65	RM65*	KX65B																							6250	6250	6250	
80	DS80, JR80	C106, A102	3750	3750	3750	3750		3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	
	RM80*	D101	6000	6000																								
	RM80*	D104/E106			6250	6250		6000																				
	RM80*	D106						6000	6000	6000	6000	6000	6000	6000	6125	6125	6125	6125	6125	6125	6125	6125	6125					
85	RM85*, RM85L*	D107																						6000	6000	6000	6000	
100	RM100*	KX100CE																								5750		
	DR100	E403	4750	4750	4750	4750		4750	4750																			
110	DR-Z110	LX110A, LX110BE																							3500	3500		
125	DR125, DR125SE	F413, F417		4750	4750	4750								4750	4750	4650												
	DR-Z125, DR-Z125L	F445																							4000	4000	4000	
	RM125*	F108	5625	5625																								
	RM125*	F113, F114, F134			5750	5750		5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	
	SP125	F413		4750	4750	4750																						
200	DR200, DR200SE, SP200	H401/H402		4250	4250	4250									4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	
250	DR250, SP250	J402, J401	4250																									
	DR250, DR250SE	J419						4100	4100	4100	4100	4100	4100															
	DR-Z250	J428																					4000	4000	4000	4000	4000	
	RM250*	J102, J106, J110, J115, J119													4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	
	RMX250	J111						3250	3250	3250	3250																	
	RMX250	J112										3750	3750	3750	3750	3750	3750											
	RM-Z250*	KX250NE																								5500	5500	
350	DR350	K404						4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000						
	DR350SE	K404						4000	4000	4000	4000	3800	3800	3800	3800	3800	3800											
400	DR-Z400, DRZ400E	K416/K417																					4000	4000	4000	4000	4000	
	DR-Z400S, DR-Z400E	K419																					3750	3750	3750	3750	3750	
650	DR650S, DR650SE	P403, P407, P409						3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	
* Not certified to meet federal EPA noise regulations for newly manufactured motorcycles																												
SUZUKI ATVS																												
Engine Size (cc)	MODEL	ENGINE PREFIX	MODEL YEAR																									
			1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005					
TEST RPM																												
50	LT50, LT-A50	A110	2500	2500	2500																				2500	2500	2500	2500
80	LT80	C113			3250	3500		3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
125	LT/ALT 125	F410	3750	3750	3750																							
160	LT-F160, LT160	G402						4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
185	ALT185, LT185	G401	4000	4000	4000																							
230	LT230GE, LT230S, LT-F230	J410, J411, J412	4000	4000	4000	4000																						
	LT230E	J416			3500	3500		3500	3500	3500	3500	3500																
250	LT250E/EF	J409	4000	4000																								
	LT250R	J104, J109	3750	3750	3500	3500		3500	3500	3500	3500																	
	LT250S	J418								4000																		
	LT250-4WD, LT-F250F	J413			3750	3750		3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	
	LT-F250, LTZ250	J417, J434, J437				3500		3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
300	LT300E	K401			4000	4000		4000	4000																			
	LT-F4WDX	K403																										
400	LT-A400/F EIGER	K420, K421																							3250	3250	3250	3250
	LT-F400/F EIGER	K422, K423																							3500	3500	3500	3500
	LT-Z400	K428																							3500	3500	3500	3500
500	LT500R	M102, M103			3000	3250		3250	3250																			
	LT-F500F	M405																										
	LTF-500F VINSON	M411																										
	LT-A500F VINSON	M407, M409																							3000	3000	3000	3000
700	LT-A700X KING QUAD	P413																										3000
	LT-V700F TWIN PEAKS	VF700AE																										3250

YAMAHA MOTORCYCLES																							
Engine Size (cc)	MODEL	ENGINE PREFIX	MODEL YEAR																				
			1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
TEST RPM																							
50	DT50U/W	3BK				4875		4875	4875														
	PW50	36E,3PT	2750	2750	2750			2750	2750	2750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750
80	BW80S/Y/U	1RY			2750	2750		2750	2750														
	PW80	21W,3RV	2750						2750	2750	2750	2750	2750	2750	2750	2750	2750	2750	2750	2750	2750	2750	2750
	YZ80*	1LR,2HF,2VE,3MK		5875	5875	5875		5875	5875	5875	5875												
	YZ80*	58T,4ES	6000									6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	
85	YZ85*	B111E,B118E																			6000	6000	6000
90	TTR90	B301E,B305E																			3500	3500	3500
100	RT100	3JL							3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	
125	TTR125	E309E,E349E																				4000	4000
	YZ125*	55Y,1LX,2HG	5500	5500	5500																		
	YZ125*	2VN,3JD				5625		5625															
	YZ125*	3SR,3XJ,4DB						5750	5750	5750					5750	5750	5750	5750	5750	5750			
	YZ125*	4JY									5500	5500	5500										
	YZ125*	E112,E116E, E118E																			5750	5750	5750
180	RT180	3VC						3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	
200	BW200	54G,IRL	3750	3750	3750	3750																	
	IT200	43G,1TY	3750	3750																			
	TW200	2YG,3AW			3500	3500		3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	
	WR200R	4BF								3500	3500												
225	TT225T	1RH		3750	3750																		
	TTR225	CG04W,CG04Y,G307E																			3750	3750	3750
	XT225	4BE									4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	
230	TTR230	G341E																					3750
250	TTR250	G307E																			3750	3750	3750
	WR250F	G322E																				5250	5250
	WR250Z*	3RB,4JW,4DC							4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	
	YZ250*	56A,1LU,2HH	4125	4125	4125																		
	YZ250*	2VM,3JE				4000		4000															
	YZ250*	3SP,3XK,4DA,4JX							4250	4250	4250	4250	4250										
	YZ250*	4MX,4DP													4250	4250	4250	4250	4250	4250	4250	4250	
	YZ250*	G106E,G110E,G111E																			4250	4250	4250
	YZ250F*	G321E,G3336E,G342E																			5250	5250	5250
	YZ250WR*	3RB				4000		4250	4250														
350	BW350T/U	2JN			3250	3250																	
	TY350	46Y,IVY	2500	2500																			
	TT350	1RG		3500	3500																		
	XT350,XT350C	57T,56R	4250	3750																			
	XT350	2KJ,3NV			3500	3500		3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	
400	WR400*	CH043																			4500	4500	4500
	YZ400*	H308E																			4500	4500	4500
426	WR426F	H309E																				4250	4250
	YZ426*,YZ426F*	CJ01C,J308E																			4500	4500	4500
450	WR450F	J314E,J321E																				4500	4500
	YZ450F*	J313E,J314E,J321E																				4500	4500
490	YZ490*	57H,1LV,2HJ,2WH	3500	3500	3500	3500		3500	3500														
500	WR500Z*	4AA								3500	3500	3500											
600	TT600	55U	3250	3250																			
	XT600	3UY,49N,49R,3EW,3UY	3250	3250	3250	3250		3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	

* Not certified to meet federal EPA noise regulations for newly manufactured motorcycles

YAMAHA ATVS																											
Engine	MODEL	ENGINE	MODEL YEAR																								
Size		PREFIX	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005				
(cc)			TEST RPM																								
50	YFM50 Raptor	A303E																				4000	4000				
60	YF60S	1HN		2750																							
	YT60	36R	2750																								
80	YFM80 Badger	55X,2FJ	4000	4000	4000	4000																					
	YFM80/R, Badger, Raptor, Grizzly	4EM,B302E,B304E																									
100	YMF100 Champ	2HX,3GB			3750	3750		3750	3750	3750																	
125	YFA1 Breeze	3FA									3500	3500	3500	3500													
	YFA1 Breeze,YFA1	3FA/AE01Y												3750	3750	3750	3750	3750	3750	3750	3750	3750					
	YFM125	E365E																					3500	3500			
	YT125	21Y	3000																								
200	YFM200,YFM200DX	52H,1NU,2FH,2VY,3GC	3750	3750	3750	3750		3750																			
	YFS200, Blaster	2XJ/3JM,G109E				3500		3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500				
	YTM200,YTM200E	21V,52G	3750																								
225	YFM225	59V,2HT			3500	3500																					
	YTM225DX/DR	29U,IEV,INV	3500	3500																							
250	YFU-1	3JN						3000																			
	YFB250,FW Timberwolf	4KD,4BD,AG01W,AG01Y									3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500					
	YFM250,YFM250XL	2GH,3GM,AG01Y,AG01W						3500	3500	3500									3500	3500							
	YFM250	G302E,G334E																			3500	3500	3500	3500			
	YTZ250	38W,IRX	3500	3500																							
350	YFM350,YFM350ER	1YW,2VA,3HP			3250	3250		3250		3250	3250	3250	3250														
	YFM350U Big Bear 2WD	H305E												3250	3250	3250	3250										
	YFM350F/FW Big Bear 4WD	4WU,2HR,3HN,H302E			3250	3250		3250	3250	3250	3250	3250	3250	3250	3250	3250	3250										
	YFM350FX Wolverine	4KB,H306E												3500	3500	3500	3500	3500	3500	3500	3500	3500	3500				
	YFM350X Warrior	1UY,2XX,3GD			3500	3500		3500	3500	3500	3500	3500	3500	3500	3500	3500	3500										
	YFM350A/FA Bruin	H315E,H316E																					3250	3250			
	YFM350,YFM350R Raptor	H318E																					3500	3500			
	YFZ350	2GU,3GG			3750	3750		3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750				
400	YFM400F Big Bear 4WD	AH06W,AH06Y																					3500				
	YFM400U Big Bear 2WD	AH08W,AH08Y																					3500				
	YFM400A Kodiak 2WD	AJ04W,AJ04Y																					3500				
	YFM400F/A Kodiak 4WD	4GB,AJ03W,AJ03Y										3500	3500	3500	3500	3500	3500										
	YFM400A Kodiak,YFM400FWA	J304E,J305E																				3500	3500				
	YFM400/FW	H312E,H310E																					3500	3500			
450	YFM450FWA Kodiak	J310E																					3125	3125	3125		
	YFZ450	J317E,J323E																						3750	3750		
600	YFM600 Grizzly	AJ02Y,AJ02W,J303E																									
660	YFM660R Raptor	M301E																									
	YFM660FWA Grizzly	M302E																					3250	3250	3250	3250	3250
	YXR660F Rhino (utility vehicle)	M305E																						3125	3125	3125	3125
																									3000	3000	

* Not certified to meet federal EPA noise regulations for newly manufactured motorcycles