



# 1985-2005 Model Test RPM Data

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

<b>ARTIC CAT ATVs</b>																																		
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	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			
	250 4x4	J433																								3750	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																								4250	4250	4250	3500	3500				
	400 4x4	K413																								4250	4250	4250	3500	3500				
	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	4300						
500	500/M 4x4	M406																									4250	4250	4250	3000	3000			
	500A 4X4	M408																												4250	3000	3000		
	500A 4x4	M410																													3000	3000	3000	
	500M 4x4	M412																												3000	3000	3000		
650	650A H1 4x4	10A650																															3500	
	650A V-2	VF650																													3250	3250		

  

<b>ATK MOTORCYCLES</b>																																	
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																																	
250	ATK250(all)	148								5000	5000	5000																					
	250	257																								3875	3875						
	260LQ	287																								4200	4200						
350	350	348																									3750	3750					
	ATK350(all)	237								5500	5500	5500																					
406	ATK406(all)	157								4500	4500	4500																					
604	ATK604(all)	257								4000	4000	4000																					
605	605	604,504																									3500	3500					
	605	560																									3650	3650					
Note: Test RPM not available after 1995 model year																																	

  

<b>BOMBARDIER ATVs</b>																																			
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	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	
	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				4250	4250			
	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	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	4500	4500	4500	4500				
110	CT110	JD01E		3750																									
125	CR125R*	JE01E	5750	5750	5750	5500		5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500				
	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	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	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	3750			
500	CR500R*	PE02E	3250	3250	3250	3000		3500	3000	3000	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	3250	3250					
	XR600R	CA PE04E														3000	3000	3000	3000	3000	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																					
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																					
	TRX350TE/TM	TE24E																					
400	TRX400EX	TE23E																					
	TRX400FA/FGA	TE29E																					
	TRX400FW	TE20E												3000	3000	3000	3000	3000	3000	3000	3000	3500	
450	TRX450ES/S	TE22E																					
	TRX450FM/FE	TE22E																					
	TRX450R	TE30E																					
500	TRX500FA/FGA	TE26E																					
	TRX500FE/FM/TM	TE31E																					
650	TRX650FA	TE28E																					
	TRX650FGA	TE28E																					





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	
	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	4075	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	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	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	
	LC4 Supermoto*	584																				3450	3450	3450	
950	LC8 Adventure	600																					4750	4750	

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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							
	Trail Blazer	EC25PF 07/09/11								3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000							
	Trail Blazer ES	EC25PFE09																3000	3000											
	Trail Blazer	EC25PFE15																							3000	3000	3000	3000	3000	
	Xplorer 4x4	EC25PFE15																							3000	3000				
300	2X4 300,4X4 300	EC28PFE01												2750	2750															
	Xplorer 300	EC28PFE01/02																												
	Xpress 300	EC28PFE01/02																												
325	Magnum 325	ES32PFE 01/04/05																											3000	
	Trail Boss 325	ES32PFE 01/04/05/09																											3000	
	Magnum 325 2X4, 4X4	ES32PFE08																											3000	
	Xpedition 325	ES32PFE03																											3000	
330	ATP 330																												3375	
	Magnum 330 2X4,4X4	ES32P10																											3375	
	Trail Boss 330	ES32P10																											3375	
335	Sportsman 335	ES33PFE01/02																											3375	
350	Trail Boss 2X4	EC35PL02								2900	2900	2900																		
	Trail Boss 4X4	EC35PL02								2900	2900	2900	2900																	
400	2X4 400L	EC38PLE01													2750	2750														
	4X4 400L	EC38PLE01													2750															
	Scrambler 4X4/400L	EC38PLE 03/05/07/09														2850	2850	2850	2850	2850	2850	2850								
	Scrambler 400 2X4,4X4	EC38PLE09																								3000	3000			
	Sport 400/400L	EC38PLE 03/05/07/09														2850	2850	2850	2850	2850	2850									
	Sportsman 4X4/400L	EC38PLE 01/04/06														2750	2750	2750	2750											
	Sportsman 400	EH42P05																								3000	3000	3000	3000	
	Trail Blazer 400	EC38PLE																											3000	
	Xplorer 4X4/400L/400	EC38PLE 01/04/06/08/10														2750	2750	2750	2750	2750	2750	2750	2750	2750	2750	2750	2750			
	Xpress 400L	EC38PLE04/06															2750	2750												
425	Magnum 2X4	EH42PLE01/02															3000	3000	3000	3000										
	Magnum 4X4	EH42PLE01/02															3000	3000	3000	3000										
	Xpedition 425	EH42PLE04																											3000	
500	ATP 500	EH50P20																											3250	
	Diesel	DW46PLE01/02																											2000	
	Magnum 500/RMK	EH50P04/08																											2000	
	Predator 500	ES50P01																											3000	
	Scrambler 500	EM50PLE02/04																											3000	
	Sportsman 500	EM50PLE 01/05/07/09																											3000	
	Scrambler 500 2x4	EH50PLE12																											3250	
	Scrambler 500 4x4	EH50P02/04																											3250	
	Sportsman 500 HO	EH50P13																											3150	
	Sportsman 6x6	EH50P10																											3150	
	Xplorer 500	EM50PLE07																											3000	
600	Sportsman 600	EH59P11																											3000	
700	Sportsman 700	EH68P15																											3000	
	Sportsman 700 EFI	EH68P21																											3000	
800	Sportsman 800 EFI	EH76																											3000	

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	4000	4000	4000	4000	4000	
	DR350SE	K404						4000	4000	4000	4000	4000	3800	3800	3800	3800	3800	3800	3800	3800	3800	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	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	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	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	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	3750	3750	3750	3750	3750	3750	3750	3750	3750
	YZ80*	1LR,2HF,2VE,3MK		5875	5875	5875		5875	5875	5875	5875	5875											
	YZ80*	58T,4ES	6000									6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000
85	YZ85*	B111E,B118E																				6000	6000
90	TTR90	B301E,B305E																				3500	3500
100	RT100	3JL							3500	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	5750	5750	5750
	YZ125*	4JY										5500	5500	5500									
	YZ125*	E112,E116E, E118E																				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	3500
	WR200R	4BF										3500	3500										
225	TT225T	1RH		3750	3750																		
	TTR225	CG04W,CG04Y,G307E																3750	3750	3750	3750	3750	3750
	XT225	4BE									4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
230	TTR230	G341E																					3750
250	TTR250	G307E																3750	3750	3750	3750	3750	3750
	WR250F	G322E																	5250	5250	5250	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	4250	4250
	YZ250*	G106E,G110E,G111E																				4250	4250
	YZ250F*	G321E,G3336E,G342E																				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	4500	4500	4500
	YZ400*	H308E																4500	4500	4500	4500	4500	4500
426	WR426F	H309E																	4250	4250	4250	4250	4250
	YZ426*,YZ426F*	CJ01C,J308E																	4500	4500	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	

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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	3250	3250							
	YFM350F/FW Big Bear 4WD	4WU,2HR,3HN,H302E			3250	3250		3250	3250	3250	3250	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	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	3500	3500	3500	3500						
	YFM400A Kodiak,YFM400FWA	J304E,J305E																				3500	3500			
	YFM400/FW	H312E,H310E																				3500	3500			
450	YFM450FWA Kodiak	J310E																								
	YFZ450	J317E,J323E																				3125	3125			
																						3750	3750			
600	YFM600 Grizzly	AJ02Y,AJ02W,J303E																				3500	3500			
660	YFM660R Raptor	M301E																				3250	3250			
	YFM660FWA Grizzly	M302E																				3125	3125			
	YXR660F Rhino (utility vehicle)	M305E																					3000			

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