



2006-2009 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			
			2006	2007	2008	2009				2006	2007	2008	2009
50	50 2X4/DVX	AC10	3250				50	DS 50	DS50	3500			
90	90 2X4/DVX	AC20	3650				90	DS 90 2 Stroke	DS 90 2	3315			
								DS 90 4 Stroke	DS 90 4	3750			
250	250 2X4/DVX	AC50	3200				175	Rally	Rotax 175	4100			
400	400A 4x4	K425	3250				250	DS 250 4 Stroke	DS 250 4	3250			
	400M 4x4	K427	3500				400	Outlander 400	Rotax 400	3500			
	400 DVX	K430	3500				650	Outlander 650	Rotax 660	3250			
500	500A 4x4	M410	3000				800	Outlander 800	Rotax 810	3375			
	500M 4x4	M412	3000										
650	650A H1 4X4	0650A1	3225										
	650A V-2	VF650	3250										
700	EFI 4X4	P414	2925										

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HONDA MOTORCYCLES						
Engine			Test RPM			
Size		Engine	Model Year			
(in cc)	Model	Prefix	2006	2007	2008	2009
50	CRF50F	AE03E	4250			
70	CRF70F	DE02E	4000			
80	CRF80F	HE01E	5000			
85	CR85R/RB**	HE07E	6000			
100	CRF100F	HE03E	4750			
125	CR125R*	JE01E	5750			
150	CR150F	KE01E	4250			
230	CRF230F	ME09E	4000			
250	CR250R*	ME03E	4000			
	CRF250R*	ME01E	5500			
	CRF250X	ME11E	4500			
450	CRF450R*	PE05E	4500			
	CRF450X	PE06E	3750			
650	XR650L	RD06E	3000			
	XR650R	RE01E	3250			

HONDA ATVs						
Engine			Test RPM			
Size		Engine	Model Year			
(in cc)	Model	Prefix	2006	2007	2008	2009
90	TRX90	TE18E	3750			
250	TRX250EX	TE27E	3500			
	TRX250TM/TE	TE21E	3250			
300	TRX300EX	TE19E	3500			
350	TRX350FE/FM	TE25E	3250			
	TRX350TE/TM	TE24E	3250			
400	TRX400EX	TE23E	3500			
	TRX400FA/FGA	TE29E	3250			
450	TRX450R	TE30E	3750			
500	TRX500FA/FGA	TE26E	3250			
	TRX500FE/FM/TM	TE31E	3000			
680	TRX680FA/FGA	TE33E	3000			

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KAWASAKI MOTORCYCLES						
Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009
50	KDX50-A6	A102	2500			
65	KX65-A6*	KX065AE	6250			
85	KX85-A6,KX85-B6*	KX085AE	6000			
100	KX100-D6*	KX100CE	5750			
110	KLX110-A6	LX110AE	3500			
125	KLX125-A6,B6	F445	4000			
	KX125-M6*	KX125ME	5750			
200	KDX200-H6	DX200HE	3500			
250	KX250-R6*	KX250RE	4500			
	KX250-T6*	KX250TE	5750			
300	KLX300-A6	LX300AE	3500			
450	KLX450-D6	KX450DE	4250			

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KAWASAKI ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009
50	KSF50-A6	A110	2500			
80	KSF80-A6	C113	3500			
250	KLF250-A6	LF250AE	3500			
360	KVF360-A6	VF360AE	3500			
	KVF360-B6	VF360AE	3500			
	KVF360-C6	VF360AE	3500			
650	KVF650-D6	VF650AE	3250			
	KVF650-E6	VF650AE	3250			
	KVF650-F6	VF650AE	3750			
	KVF650-G6	VF650AE	3750			
700	KSV700-A6	SV700AE	3250			
	KSV700-B6	SV700AE	3250			
	KSV700-C6	SV700AE	3250			
	KVF700-A6	VF700AE	3250			
	KVF700-D6	VF700AE	3250			
750	KVF750-A6	VF750AE	3250			
	KVF750-B6	VF750AE	3250			
	KVF750-C6	VF750AE	3250			

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KTM MOTORCYCLES						
Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009
50	50 Jr/Sr Adventure*	450	4800			
	50 SX Pro Junior*	450	5100			
	50 SX Pro Senior*	451	5100			
65	65 SX*	460	4750			
85	85 SX*	490	4725			
105	105 SX*	490	4725			
125	125 SX*	503	5600			
200	200 EXC*	523	4000			
250	250 SX*	546	3750			
	SX-F*	770	5200			
	XC*, XC-W*	556	3750			
300	300 EXC*	547	3550			
	XC*, XC-W*	556	3550			
400	400 EXC Racing*	595	4625			
450	Racing*	595	4625			
	450 SMR*, SMC*	595	4625			
525	EXC* Racing, SX*, XC Racing*, SMC*	590	4600			
560	SMR*	590	4600			
625	625 SMC*	584	3450			
640	LC4 Adventure	584	3450			
	LC4 Supermoto	584	3450			
950	Adventure	600	4750			

POLARIS ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009
50	Predator 50	AR03-01	3000			
	Scrambler 50	AR03-01	3000			
90	Sportsman 90	AR07	3000			
	Predator 90	AR07	3000			
200	Phoenix 200	V39	3750			
	Sawtooth 200	V39	3750			
250	Trail Blazer	EC25PFE15	3000			
300	Hawkeye 300	ES30P	3375			
330	Magnum 330 2X4	ES32P10	3375			
	Magnum 330 4X4	ES32P10	3375			
	Trail Boss 330	ES32P10	3375			
450	Sportsman 450	EH46P	3250			
500	ATP 500	EH50P20	3250			
	Predator 500	ES50P01	4000			
	Outlaw 500	ES50P04	4000			
	Scrambler 500 4x4	EH50P04	3150			
	Sportsman 500 HO	EH50P13	3150			
	Sportsman 500 EFI	EH50P21	3250			
	Sportsman X2500 EFI	EH50P21	3250			
	Sportsman 6x6 (utility vehicle)	EH50P10	3000			
700	Sportsman 700 EFI	EH68P21	3000			
800	Sportsman 500 EFI	EH76	3000			

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SUZUKI MOTORCYCLES						
Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009
50	JR50	A102	2500			
65	RM65*	KX65B	6250			
85	RM85*, RM85L	D107	6000			
110	DR-Z110	LX110A, LX110BE	3500			
125	DR-Z125, DR-Z125L	F445	4000			
	RM125*	F134	5750			
200	DR200SE	H402	4250			
250	DR-Z250	J428	4000			
	RM250*	J119	4000			
	RM-Z250*	KX250NE	5500			
400	DRZ400/E	K416,K417	4000			
	DRZ400S/E	K419	3750			
450	RM-Z450*	L401	4500			
650	DR650SE	P409	3250			

SUZUKI ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM			
			2006	2007	2008	2009
50	LT50, LT-A50	A110	2500			
	LT-Z50	AZ413	2550			
80	LT80	C113	3500			
250	LT-F250, LT-Z250	J417,J434, J437	3500			
400	LT-A400/F Eiger	K420, K421	3250			
	LT-F400/F Eiger	K422,K423	3500			
	LTZ400	K428	3500			
450	LT-R450	L402	3750			
500	LT-F500F Vinson	M411	3250			
	LT-A500F Vinson	M409	3000			
700	LT-A700Z King Quad	P413	3000			
	LT-V700F Twin Peaks	VF700AE	3250			

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YAMAHA MOTORCYCLES							YAMAHA ATVs						
Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year				Engine Size (in cc)	Model	Engine Prefix	Test RPM Model Year			
			2006	2007	2008	2009				2006	2007	2008	2009
50	PW50	3PT	3750				50	YFM50	A303E	4000			
80	PW80	3RV	3750				80	YFM80	B302E, B304E	3750			
85	YZ85*	B118E	6000				125	YFM125A	E365E	3500			
90	TTR90	B305E	3500				200	YFS200	G109E	3500			
125	TTR125	E349E	4000				250	YFM250	G302E	3500			
	YZ125*	E118E	5750										
200	TW200	3AW	3500				350	YFM350FX	H306E	3500			
225	XT225	4BE	4000					YFZ350	3GG	3750			
230	TTR225	G331E	3750					YFM350FWA	H315E	3250			
250	TTR250	G307E	3750					YFM350A	H316E	3250			
	WR250F	G348E	5250					YFM350	H318E	3500			
	YZ250*	G111E	4250										
	YZ250F*	G342E	5250				400	YFM400FWAN	J320E	3500			
450	WR450F	J321E	4500					YFM400FWN	H310E	3500			
	YZ450F*	J321E	4500				450	YFM450FWAN	J310E	3125			
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								YXR450F Rhino (utility vehicle)	J322E	3000			
							660	YFM660FWA	M302E	3125			
								YXR660F Rhino (utility vehicle)	M305E	3000			
							700	YFM700R	M308E	3125			

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