



**2014-2015 Model Test RPM Data  
Supplement to MIC Stationary Sound Test Manual  
for Off-Highway Motorcycles, ATVs, & ROVs**

ARCTIC CAT ATVs / ROVs					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
90	2x4 Utility, DVX	AC20	3650	3650	
150	2x4 Utility	AC30	3875	3875	
300	2x4 Utility, DVX	AC60	3750	3750	
400	4x4 FIS	AC 70	3500	3500	
	4x4 TRV	AC70	3210		
450	4x4 XC	AC90	3600	3600	
	4x4 FIS	AC90	3600	3600	
500	4x4 FIS, TRV	AC90	3525	3525	
	4x4 Prowler HDX	AC90	3750	3750	
550	4x4 FIS, TRV	0550A	3425	3425	
	XR FIS	0550A		3250	
	4x4 Prowler	0550A	3145	3145	
700	4x4 FIS	0700A	3150		
	4x4 XR FIS	0700A		3200	
	4x4 TBX, TRV	0700A	3325	3325	
	4x4 Mud Pro	0700A	3325	3325	
	4x4 Diesel FIS	LDW	1800	1800	
	4x4 Prowler	0700A	2950	2950	
	4x4 Prowler HDX	0700A	3250	3250	
	4x4 Wildcat Trail / Sport	ACAD	3775	3775	
1000	4x4 FIS	0950T	3450	3450	
	4x4 TRV, Mud Pro	0950T	3400	3400	
	4x4 Prowler XTZ	0950T	3450	3450	
	4x4 Wildcat, Wildcat 4	0950T	3410	3410	
	4x4 Wildcat X, Wildcat 4X	0950T	3475	3475	

BRP / CAN-AM ATVs / ROVs					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
70	DS 70	DS 70	4000		
90	DS 90 4 Stroke	DS 90 4	4000	4000	
250	DS 250 4 Stroke	DS 250 4	3050	3050	
400	Outlander 400	Rotax 400	3750		
450	Outlander 450	Rotax 450		3625	
	DS 450	DS 450	3950	3950	
500	Outlander 500	Rotax 490	4000	4000	
	Renegade 500	Rotax 490	4000	4000	
650	Outlander 650	Rotax 660	4000	4000	
800	Outlander 800	Rotax 810	3500	3500	
	Renegade 800	Rotax 810	3500	3500	
	Commander 800	Rotax 810	3625	3625	
1000	Commander 1000	Rotax 1010	3500	3500	
	Outlander 1000	Rotax 1010	3500	3500	
	Renegade 1000	Rotax 1010	3500	3500	
	Maverick 1000	Rotax 1010	3875	3875	
	Maverick 1000T	Rotax 1010T		3625	

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HONDA MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
50	CRF50F	AE03E	4250	4250	
110	CRF110F/FB	D1J1	3750	3750	
125	CRF125F/FB	JE03E	3500	3500	
150	CRF150F	KE02E	4250	4250	
	CRF150R*/RB*	KE03E	6250	6250	
230	CRF230F	ME09E	4000	4000	
250	CRF250R*	ME10E	5500	5500	
450	CRF450R*	PE05E	4500	4500	
	CRF450X	PE06E	3750	3750	
650	XR650L	RD06E	3000	3000	

HONDA-MONTESA MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
260	Cota 4RT 260*	NN4E		3500	
	Cota 4R Race Replica*	NN4E	3500	3500	

\* Not certified to meet the federal EPA noise regulations for newly manufactured off-highway motorcycles.

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HUSABERG MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
250	TE 250*	548	4200	N/A	
	FE 250	774	5100	N/A	
300	TE 300*	549	4200	N/A	
350	FE 350	775	4700	N/A	
500	FE501	787	4200	N/A	

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HONDA ATVs /ROVs					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
90	TRX90X	TE18E	3750	3750	
250	TRX250X	TE27E	3500		
	TRX250TM/TE	TE21E	3250		
400	TRX400X	TE23E	3500		
420	TRX420FA/FPA	TE37E	3250	3250	
	TRX420FA1/FA2/FE/FM1/ FM2/TE/TM	TE35E	3125	3250	
450	TRX450R	TE32E	3750		
500	TRX500FA/FPA	TE26E	3250	3000	
	TRX500FE1/FE2/FM1/FM2	TE31E	3000	3000	
680	TRX680FA	TE33E	3000	3000	
700	SXS700	VE01E	2750	2750	

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HUSQVARNA MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
85	TC 85*	BET	5700	5700	
125	TC 125*, TE 125*	503	5700	5700	
250	TC 250*	548	4200	4200	
	TE 250*	548	4250	4250	
	FC250*	777	6000	6000	
300	TE 300*	549	4250	4250	
350	FC 350*	778	5500	5500	
450	FC 450*	789	4700	4700	

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KAWASAKI MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
65	KX65-AE-F*	KX065AE	6250	6250	
85	KX85-CE-F*	KX085CE	6000	6000	
100	KX100-FE-F*	KX100FE	6000	6000	
110	KLX110-CE-F, KLX110-DE-F	LX110AE	3750	3750	
140	KLX140-AE-F, KLX140-BE-F	LX140AE	4000	4000	
250	KX250-ZE-F*	KX250ZE	6000	6000	
450	KX450-FE-F*	KX450FE	4250	4250	
1000	ZX1000-PF*	ZXT00NE		7000	

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KAWASAKI ATVs / ROVs					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
50	KSF50-BE-F	WA10	3750	3750	
90	KSF90-AE-F	WA20	3750	3750	
300	KVF300-CE-F	WA60	3750	3750	
450	KSF450-BE	SF450BE	3750		
650	KVF650-DE	VF650AE	3250		
	KVF650-FE	VF650AE	3750		
750	KVF750-GE-F, HE-F, JE-F, LE-F	VF750DE	3375	3375	
800	KRT800-AE-F, BE-F, CE-F, DE-F, KRF800-AE-F, BE-F, CE-F, DE-F	RT800AE	3375	3375	
820	KAF820-AE-F, BE-F, CE-F, DE-F	372FC	3375	3375	

KTM MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
50	50 SX*, SX Mini*, 50 SXS*	452	5400	5400	
65	65 SX*, 65 SXS*	462	5100	5100	
85	85 SX*, 85 SXS*	BET	5200	5200	
125	125 SX*	503	5400	5400	
150	150 SX*, 150 XC*	515	5200	5200	
200	XC-W*	524	4100	4100	
250	250 SX*	548	3800	3800	
	SX-F*	777	6000	6000	
	XC*, XC-W*	548	4000	4000	
	XC-F*	777	6000	6000	
	XCF-W	774	5500	5500	
300	XC*, XC-W*	549	3800	3800	
350	SX-F*, XC-F*	778	5500	5500	
	EXC-F	775	4300	4300	
	XCF-W	775	5500	5500	

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KTM MOTORCYCLES (Cont.)					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
450	XC-W	781	4400	4400	
	SX-F* Factory Ed.	789	4700	4700	
	450 XC-F*	789	4700	4700	
500	EXC	787	4400	4400	
	XC-W	787	4300	4300	
690	Enduro R	753	3500	3500	
1190	Adventure, Adventure R	603	4000	4000	

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KYMCO ATVs / ROVs					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
70	Mongoose 70	LA15	3750	3750	
90	Mongoose 90 R	LA20	3750	3750	
150	MXU 150	LA30	3875	3875	
300	Mongoose 300	LA60	3750	3750	
	MXU 300	LB60	3750	3750	
450	MXU450i, Maxxer 450i	LC90	3750	3750	
	UXV 450i	UA90		3750	
500	MXU 500i	LDA	3250	3250	
	UXV 500 (ROV)	UAA	3250	3250	
	UXV 500i (ROV)	UBA	3250	3250	
700	MXU 700	LAAD	3250	3250	
	UXV 700	UBAD	3250	3250	

**MONTESA - PLEASE SEE HONDA**

POLARIS ATVs / ROVs					
ENGINE	MODEL	ENGINE	TEST RPM		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
50	Outlaw 50	M10A	3750	3750	
90	Outlaw 90-4 Stroke, Sportsman 90-4 Stroke	RF3KA09	3500		
170	RZR 170	AC11	3500	3500	
200	Phoenix 200	V39	3750	3750	
325	Sportsman ACE	325-14, 325-15	3850	3850	
	Ranger ETX	325-15		3750	
	Sportsman ETX	325-15		3800	
	M1400	325-15		3750	
400/450	Sportsman 400 / 450	EH460PLE	3250		
	Bobcat 3200	EH460PLE	3250		
	Ranger 400	EH460PLE	3250		
500	Bobcat 3400	EH500PLE	3000		
	Bobcat 3400 XL	EH500PLE	3000		
550	Sportsman 550 Touring	ES550PLE	3250		
	Sportsman 550 X2	ES550PLE	3250		
	Sportsman 550	ES550PLE	3250		

POLARIS ATVs / ROVs (Cont.)					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
570	Bobcat 570, Atlas 570	OSPS 570		3250	
	RZR 570	ES057OLE	3500	3500	
	RZR 570 LE	RZR570	3500	3500	
	Sportsman 570	SPM570		3350	
	Sportsman 570 Touring	SPM570	3350	3350	
	Sportsman X2 570 EPS	SPM570		3350	
	Sportsman ACE 570	SPM570		3725	
	Ranger 570, Ranger Crew 570	RGR570	3500	3350	
	Ranger 570 Full Size	RGR570		3650	
	Ranger Crew 570 Full Size	RGR570		3600	
800	Sportsman 800 EFI	SPM800	3150		
	Sportsman 800 6x6	SPM800	3050		
	Ranger 800 6x6 / 800 Crew	RGR800	2875		
	Ranger 800 EPS	RGR800	2950		
	Ranger 800 MID	RGR800	3250		
	RZR XP, RZR SW, RZR S/S4	RZR800	3375		
	RZR S / S4	RZR800	3375		
850	Scrambler 850	SCR850	3675	3675	
	Sportsman XP / 850SP, Touring 850 SP	SPM850		3625	
	Sportsman XP 850 / 850 HO Touring, WV 850 HO	SPM850	3500		
900	RZR 900, RZR 4 900	RZR900	4125		
	RZR 900, RZR S 900, RZR 900 XC	RZR875		3750	
	Ranger XP	RGR900	3200	3500	
	Ranger Crew 900	RGR900	3200	3200	
902	Ranger Diesel, Ranger Crew Diesel, Brutus	3TNM72	1800		
1000	Scrambler XP 1000	SCR1000	3625	3625	
	Sportsman XP 1000	SPM1000		3625	
	Sportsman XP Touring 1000	SPM1000		3625	
	RZR XP 1000, RZR XP4 1000	RZR1000	4250	4250	
1028	Bobcat 3400 / 3400XL	KDW1003-T		1800	
	Atlas JSV 3000 / 6000 Diesel	KDW1003-T		1800	
	Ranger Diesel	KDW1003-T		1800	
	Ranger Crew Diesel	KDW1003-T		1800	
	Brutus	KDW1003-T		1800	

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SUZUKI MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
70	DR-Z70	B401		4000	
85	RM85*, RM85L*	D107	6000	6000	
125	DR-Z125, DR-Z125L	F445	4000	4000	
200	DR200	H402		4250	
250	RM-Z250*	J445	5750	5750	
400	DR-Z400S/SM	K419	3750	3750	
450	RM-Z450*	L405	4500	4500	
650	DR650SE	P409	3250	3250	

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YAMAHA MOTORCYCLES					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
50	PW50	3PT	2750	2750	
	TTR50E	A305E	4250	4250	
85	YZ85*	B118E	6000	6000	
110	TTR110	5B6	3750	3750	
125	TTR125LWE	E349E	4000	4000	
	YZ125*	E120E	5750	5750	
200	TW200	3AW	4000	4000	
230	TTR230	G341E	3750	3750	
250	XT250	G349E	3750	3750	
	WR250R	G375E	4500	4500	
	YZ250*	G111E	4000	4000	
	YZ250F*	G3C2E	6000	6000	
	YZ250FX*	G3F1E		6000	
450	WR450F	J332E	3250	3250	
	YZ450F*	J337E	4750	4750	
1200	XT1200	P406E	3625	3625	

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SUZUKI ATVs					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
90	QuadSport Z90	D402	3500	3500	
250	LT-F250 Ozark	J434	3500		
400	KingQuad 400ASi	K439	3250	3250	
	KingQuad 400FSi	K441	3250	3250	
	QuadSport Z400	K437	3500		
500	KingQuad 500AXi	M413	3250	3250	
750	KingQuad750AXi	R407	3000	3000	


YAMAHA ATVs / ROVs					
ENGINE	MODEL	ENGINE	MODEL YEAR		
SIZE (cc)		PREFIX	2014	2015	2016
TEST RPM					
350	YFM350FWA	H315E	3250		
	YFM350A	H316E	3250		
450	YFM450FWA/FWAD	J310E	3125		
	YZF450R	J336E	3750	3750	
550	YFM550FWA/ FWAD	J328E	3125		
700	YFM700R	M308E	3125	3125	
	YFM700FWA/FWAD	M322E	3125	3125	
	YXM/E/ES700	M323E	3125	3125	
	YXC700E/ES	M325E		3125	

