

MEGACYCLE CAMS

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HONDA XR 200 (1986—2003), ATC-200X (1981—1986)



New billet/hardfaced cam with bearing on 1 end.
Needle bearing (NS) billet cam and mounting plate.

No core needed. No boring required.

#143-01 vernier drilled sprocket for accurate timing adjustment.

#205-H R/D valve spring kit with aluminum tops.

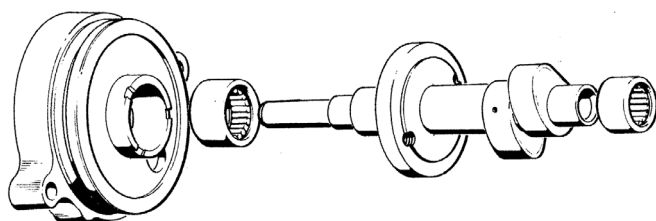
#228-H R/D valve spring kit with **titanium tops**.

#30-4016 P.M. valve springs only (use stock tops).

Wiseco piston kit with rings, pin and clips.

	10:1	12:1		
#4156M06550	65.5 mm	157.92	#4289M06550	— .020"
#4156M06600	66 mm	157.92	#4289M06600	— .040"
#4156M06650	66.5 mm		N.A.	— .060"
#4156M06700	67 mm	173.73	#4289M06700	— .080"

CAM NUMBER	VALVE LIFT	DURATION AT .040"	LOBE CENTERS	DESCRIPTION AND APPLICATION	INTAKE OPEN/CLOSE EXHAUST OPEN/CLOSE	RUNNING CLEARANCE
143-00	.365"	243°	104.5°	OK with stock piston and springs. Increases mid-range power and torque. Smooth idle.	17 btc/46 abc	.005"
143-20	.370"	273°	102.5°	Use modified piston and springs. Best all around cam. Great mid-range and added top-end.	34 btc/59 abc	.005"
143-40	.435"	272°	106°	Full race cam. Use racing piston and springs. Maximum mid-range and top-end power. Must cut cylinder head for lobe clearance. Use R/D 228-H	30 btc/62 abc	.005"
Stock	.288"	222°	105°	Stock cam #14101-958-000 for your reference.	6 btc/36 abc	.005"
	.270"	221°	104.5°		35 bbc/ 6 atc	.006"



Our needle bearing cam and new mounting plate can be installed in a damaged cylinder head with NO MACHINING. We have eliminated the large journal near the sprocket which usually fails. The new roller bearing in the mounting plate provides a more stable bearing surface on the end near the point drive.

The roller bearing on the small end replaces the steel bushing. Our bearing has the same O.D. as the stock bushing, it slides right into the head. No exchange is required for this needle bearing cam conversion. All profiles available.

HONDA ATC-200X, TRX-200SX (1986—1988)



Hardfaced cam, on customer core.

#234-H R/D valve spring kit with aluminum tops.

4394 series Wiseco piston kits with rings, pin and clips.

4395 series Wiseco piston kits with rings, pin and clips.

	10¼:1	12:1		
#4394M06500		N.A.	— STD	65 mm
#4394M06550		#4395M06550	— .020"	65.5 mm
#4394M06600		#4395M06600	— .040"	66 mm

CAM NUMBER	VALVE LIFT	DURATION AT .040"	LOBE CENTERS	DESCRIPTION AND APPLICATION	INTAKE OPEN/CLOSE EXHAUST OPEN/CLOSE	RUNNING CLEARANCE
164-x1	.355"	222°	106°	OK with stock piston and guides. Must use springs #234-H. Increased mid-range torque.	5 btc/37 abc	.004"
164-x2	.408"	268°	108°	Full race cam. Must use racing piston and springs. Must sink the valves .060" for valve-to-valve clearance. Must remove material from the rocker box for lobe clearance.	37 bbc/ 5 atc	.006"
Stock	.318"	255°	104.5°	Stock cam #14100-HB5-010 for your reference.	26 btc/62 abc	.004"
	.308"	228°	106°		62 bbc/26 atc	.006"
					8 btc/37 abc	
					40 bbc/ 8 atc	

All timing is quoted at .040" lift at the valve with zero checking clearance unless otherwise stated.