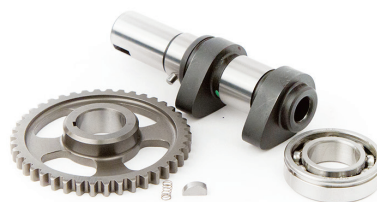


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See page 315-316 for notes / Voir les pages 315 à 316 pour les notes

- Engineered by Utilizing State-of-the-Art Valvetrain Software
- One of the Most Economical, Reliable & Easy to Install Ways to Add 5-10% Power Gain
- Engineered to be Drop-in Cams that use Stock Valve Springs
- CNC Machined from 8620 Billet, Case-Hardened Steel for an Exact Fit & Lobe Profile
- Designed, Dyno Proven & Made in the USA
- Requires No Core Exchange



CC	Model	Years	Notes	Intake	Single	Exhaust	Set
Arctic Cat™							
ATV							
400	400 DVX	2004	Stage 1 Cam	78-08005		78-08006	
400	400 DVX	2006-2008	Stage 1 Cam	78-08005		78-08006	
650	650 4X4 AUTO V2	2004-2006	Stage 1 Cam				78-08000
Honda™							
ATV							
300	TRX 300 EX	1993-2008	Stage 1 Cam		78-68002		
300	TRX 300 X	2009	Stage 1 Cam		78-68002		
400	TRX 400 EX	1999-2008	Stage 1 Cam		78-68000		
400	TRX 400 EX	1999-2008	Stage 2 Cam		78-68017		
400	TRX 400 EX	1999-2008	Stage 3 Cam		78-68018		
400	TRX 400 X	2009	Stage 1 Cam		78-68000		
400	TRX 400 X	2009	Stage 2 Cam		78-68017		
400	TRX 400 X	2009	Stage 3 Cam		78-68018		
400	TRX 400 X	2012-2014	Stage 1 Cam		78-68000		
400	TRX 400 X	2012-2014	Stage 2 Cam		78-68017		
400	TRX 400 X	2012-2014	Stage 3 Cam		78-68018		
450	TRX 450 ER	2006-2007	Stage 1 Cam		78-68001		
450	TRX 450 ER	2006-2007	Stage 2 Cam		78-68015		
450	TRX 450 ER	2006-2007	Stage 3 Cam		78-68019		
450	TRX 450 ER	2008-2009	Stage 1 Cam		78-68003		
450	TRX 450 ER	2008-2009	Stage 2 Cam		78-68020		
450	TRX 450 ER	2008-2009	Stage 3 Cam		78-68021		
450	TRX 450 ER	2012-2014	Stage 1 Cam		78-68003		
450	TRX 450 ER	2012-2014	Stage 2 Cam		78-68020		
450	TRX 450 ER	2012-2014	Stage 3 Cam		78-68021		
450	TRX 450 R	2004-2009	Stage 1 Cam		78-68001		
450	TRX 450 R	2004-2009	Stage 2 Cam		78-68015		
450	TRX 450 R	2004-2009	Stage 3 Cam		78-68019		
700	TRX 700 XX	2008-2009	Stage 3 Cam		78-68023		
Kawasaki™							
ATV							
400	KFX 400	2003-2006	Stage 1 Cam	78-08005		78-08006	
450	KFX 450 R	2008-2014	Stage 2 Cam	78-88000		78-88001	
450	KFX 450 R	2008-2014	Stage 3 Cam	78-88002		78-88003	
650	KVF 650 BRUTE FORCE 4X4	2005-2013	Stage 2 Cam				78-08000 *
650	KVF 650 BRUTE FORCE 4X4I	2006-2011	Stage 1 Cam				78-08000 *
650	KVF 650 PRAIRIE 4X4	2002-2003	Stage 2 Cam				78-08000 *
700	KFX 700 V-FORCE	2004-2009	Stage 1 Cam				78-08000 *
700	KVF 700 PRAIRIE 4X4	2004-2006	Stage 2 Cam				78-08000 *
750	KVF 750 BRUTE FORCE 4X4I	2005-2020	Stage 1 Cam				78-08000 *
750	KVF 750 BRUTE FORCE 4X4I EPS	2012-2020	Stage 1 Cam				78-08000 *
UTV/SXS							
750	KRF 750 TERYX 4X4	2008-2011	Stage 1 Cam				78-08000
Polaris™							
ATV							
400	HAWKEYE 400 HO 2X4	2011-2014	Stage 1 Cam		78-48004		
400	HAWKEYE 400 HO 2X4	2011-2014	Stage 2 Cam		78-48005		
400	SPORTSMAN 400 4X4	2008-2014	Stage 1 Cam		78-48004		
400	SPORTSMAN 400 4X4	2008-2014	Stage 2 Cam		78-48005		
450	SPORTSMAN 450 2X4	2006	Stage 1 Cam		78-48004		
450	SPORTSMAN 450 2X4	2006	Stage 2 Cam		78-48005		
450	SPORTSMAN 450 4X4 HO	2007	Stage 1 Cam		78-48004		
450	SPORTSMAN 450 4X4 HO	2007	Stage 2 Cam		78-48005		
500	OUTLAW 500	2006-2007	Stage 1 Cam	78-48000		78-48001	
500	PREDATOR 500	2003-2007	Stage 1 Cam	78-48000		78-48001	
500	SCRAMBLER 500 4X4	2001-2012	Stage 1 Cam		78-48004		
500	SCRAMBLER 500 4X4	2001-2012	Stage 2 Cam		78-48005		
500	SPORTSMAN 500 4X4	2001-2013	Stage 1 Cam		78-48004		
500	SPORTSMAN 500 4X4	2001-2013	Stage 2 Cam		78-48005		
800	SPORTSMAN 800 4X4	2005	Stage 1 Cam		78-48014		
800	SPORTSMAN 800 4X4	2006	Stage 1 Cam		78-48014		
800	SPORTSMAN 800 4X4	2007	Stage 1 Cam		78-48014		
800	SPORTSMAN 800 4X4 HO	2008	Stage 1 Cam		78-48014		

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CC	Model	Years	Notes	Intake	Single	Exhaust	Set
Polaris™							
ATV							
800	SPORTSMAN 800 4X4 HO	2009	Stage 1 Cam		78-48014		
800	SPORTSMAN 800 6X6	2009	Stage 1 Cam		78-48014		
800	SPORTSMAN 800 X2	2007-2009	Stage 1 Cam		78-48014		
800	SPORTSMAN TOURING 800	2008-2009	Stage 1 Cam		78-48014		
900	ACE 900 EPS	2016	Stage 1 Cam	78-48010		78-48011	
900	ACE 900 EPS XC	2017-2019	Stage 1 Cam	78-48010		78-48011	
UTV/SXS							
400	RANGER 400 4X4	2010-2014	Stage 1 Cam		78-48004		
400	RANGER 400 4X4	2010-2014	Stage 2 Cam		78-48005		
500	RANGER 500 2X4	2006-2009	Stage 1 Cam		78-48004		
500	RANGER 500 2X4	2006-2009	Stage 2 Cam		78-48005		
500	RANGER 500 4X4	2006-2007	Stage 1 Cam		78-48004		
500	RANGER 500 4X4	2006-2007	Stage 2 Cam		78-48005		
500	RANGER 500 4X4	2010-2013	Stage 1 Cam		78-48004		
500	RANGER 500 4X4	2010-2013	Stage 2 Cam		78-48005		
800	RANGER 800 4X4	2011	Stage 1 Cam		78-48014		
800	RANGER 800 4X4	2013-2014	Stage 1 Cam		78-48014		
800	RANGER 800 4X4 CREW	2011-2014	Stage 1 Cam		78-48014		
800	RANGER 800 4X4 MIDSIZE	2013-2014	Stage 1 Cam		78-48014		
800	RANGER 800 4X4 XP	2012	Stage 1 Cam		78-48014		
800	RANGER 800 6X6	2011-2016	Stage 1 Cam		78-48014		
800	RZR 4 800	2010	Stage 1 Cam		78-48014		
800	RZR 4 800 EPS	2014	Stage 1 Cam		78-48014		
800	RZR 800	2008-2010	Stage 1 Cam		78-48014		
800	RZR 800	2014	Stage 1 Cam		78-48014		
800	RZR S 800	2009	Stage 1 Cam		78-48014		
800	RZR S 800	2010	Stage 1 Cam		78-48014		
800	RZR S 800	2014	Stage 1 Cam		78-48014		
900	RANGER 900 4X4 CREW	2014-2016	Stage 1 Cam	78-48010		78-48011	
900	RANGER 900 CREW EPS	2019	Stage 1 Cam	78-48010		78-48011	
900	RANGER 900 XP	2013-2019	Stage 1 Cam	78-48010		78-48011	
900	RANGER 900 XP CREW	2018	Stage 1 Cam	78-48010		78-48011	
900	RZR 4 900	2015-2018	Stage 1 Cam	78-48010		78-48011	
900	RZR 900 50 INCH	2015-2020	Stage 1 Cam	78-48010		78-48011	
900	RZR 900 50 INCH	2017	Stage 1 Cam	78-48010		78-48011	
900	RZR 900 50 INCH EPS	2020	Stage 1 Cam	78-48010		78-48011	
900	RZR 900 55 INCH	2015-2017	Stage 1 Cam	78-48010		78-48011	
900	RZR 900 60 INCH	2015-2019	Stage 1 Cam	78-48010		78-48011	
900	RZR 900 S 60 INCH	2020	Stage 1 Cam	78-48010		78-48011	
900	RZR 900 XP	2011-2014	Stage 2 Cam	78-48006		78-48007	
1000	RANGER 1000 EPS	2018-2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER 1000 EPS HD	2018-2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER 1000 EPS RC	2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000	2018-2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW	2017-2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS	2018	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS	2018-2021	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS HIGH LIFTER EDITION	2018-2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS HIGH LIFTER EDITION	2022	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS NORTHSTAR	2020	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS NORTHSTAR HVAC	2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS NORTHSTAR PREMIUM	2021-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS NORTHSTAR TEXAS EDITION	2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS NORTHSTAR TRAIL BOSS	2021-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS NORTHSTAR ULTIMATE	2021-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS PREMIUM	2021-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS TEXAS EDITION	2020-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 CREW EPS TRAIL BOSS	2021-2024	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS	2018-2021	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS BACK COUNTRY	2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS CREW BACK COUNTRY	2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS CREW MUD	2019-2021	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS HIGH LIFTER EDITION	2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS HIGH LIFTER EDITION	2022	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS MUD	2020-2021	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS NORTHSTAR	2020-2024	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS NORTHSTAR HVAC	2018-2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS NORTHSTAR PREMIUM	2022-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS NORTHSTAR RIDE COMMAND	2019	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS NORTHSTAR TRAIL BOSS	2021-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS NORTHSTAR ULTIMATE	2021-2025	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 EPS PREMIUM	2019-2025	Stage 1 Cam	78-48010		78-48011	

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See page 315-316 for notes / Voir les pages 315 à 316 pour les notes

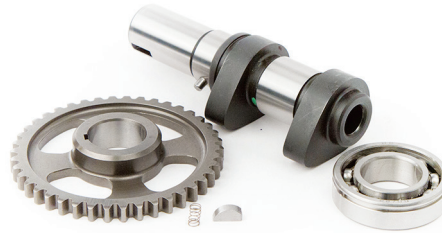
CC	Model	Years	Notes	Intake	Single	Exhaust	Set
Polaris™							
UTV/SXS							
1000	RANGER XP 1000 EPS TEXAS EDITION	2020-2021	Stage 1 Cam	78-48010		78-48011	
1000	RANGER XP 1000 TRAIL BOSS	2021-2024	Stage 1 Cam	78-48010		78-48011	
1000	RZR RS1	2018-2022	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 1000	2014	Stage 1 Cam	78-48002		78-48003	
1000	RZR XP 1000	2014	Stage 2 Cam	78-48008		78-48009	
1000	RZR XP 1000	2015-2022	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 1000	2017-2018	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 1000	2017-2019	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 1000 HIGH LIFTER	2016-2022	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 1000 PREMIUM	2022-2023	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 1000 SPORT	2023	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 1000 TRAILS & ROCKS	2021-2022	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 4 1000	2015-2021	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 4 1000 HIGH LIFTER	2017-2022	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 4 1000 PREMIUM	2022-2023	Stage 2 Cam	78-48012		78-48013	
1000	RZR XP 4 1000 SPORT	2023	Stage 2 Cam	78-48012		78-48013	
Suzuki™							
ATV							
400	LT-Z 400	2003-2009	Stage 1 Cam	78-08005		78-08006	
400	LT-Z 400	2012-2014	Stage 1 Cam	78-08005		78-08006	
450	LT-R 450	2006-2009	Stage 1 Cam	78-78001		78-78002	
700	LTV 700 F TWIN PEAKS 4X4	2004-2005	Stage 1 Cam				78-08000
Yamaha™							
ATV							
350	YFM 350 FA BRUIN 4X4	2004-2006	Stage 1 Cam		78-38001		
350	YFM 350 FG GRIZZLY 4X4	2007-2014	Stage 1 Cam		78-38005		
350	YFM 350 FG GRIZZLY 4X4	2007-2014	Stage 2 Cam		78-38031		
350	YFM 350 FX WOLVERINE 4X4	1995-2005	Stage 1 Cam		78-38001		
350	YFM 350 G GRIZZLY 2X4	2007-2011	Stage 1 Cam		78-38005		
350	YFM 350 G GRIZZLY 2X4	2007-2011	Stage 2 Cam		78-38031		
350	YFM 350 RAPTOR	2004-2006	Stage 2 Cam		78-38024		
350	YFM 350 RAPTOR	2004-2013	Stage 1 Cam		78-38001		
350	YFM 350 RAPTOR	2007-2013	Stage 1 Cam		78-38005		
350	YFM 350 RAPTOR	2007-2013	Stage 2 Cam		78-38031		
350	YFM 350 X WARRIOR	1987-2004	Stage 1 Cam		78-38001		
350	YFM 350 X WARRIOR	1987-2004	Stage 2 Cam		78-38024		
350	YFM 350 X WOLVERINE 2X4	2006-2009	Stage 1 Cam		78-38005		
350	YFM 350 X WOLVERINE 2X4	2006-2009	Stage 2 Cam		78-38031		
400	YFM 400 F BIG BEAR 4X4	2000-2006	Stage 2 Cam		78-38024		
400	YFM 400 F BIG BEAR 4X4	2000-2006	Stage 1 Cam		78-38001		
400	YFM 400 F BIG BEAR 4X4	2008-2012	Stage 1 Cam		78-38001		
400	YFM 400 FB BIG BEAR IRS 4X4	2007-2012	Stage 1 Cam		78-38005		
400	YFM 400 FB BIG BEAR IRS 4X4	2007-2012	Stage 2 Cam		78-38031		
400	YFM 400 M BIG BEAR 2X4	2000-2004	Stage 1 Cam		78-38001		
400	YFM 400 M BIG BEAR 2X4	2001-2003	Stage 2 Cam		78-38024		
450	YFZ 450	2004-2009	Stage 1 Cam	78-38002		78-38003	
450	YFZ 450	2004-2009	Stage 3 Cam	78-38028		78-38029	
450	YFZ 450 R	2009-2021	Stage 1 Cam	78-38008		78-38009	
450	YFZ 450 R	2009-2021	Stage 2 Cam	78-38044		78-38045	
450	YFZ 450 R	2009-2021	Stage 3 Cam	78-38046		78-38047	
450	YFZ 450 R SE	2009-2021	Stage 1 Cam	78-38008		78-38009	
450	YFZ 450 R SE	2009-2021	Stage 2 Cam	78-38044		78-38045	
450	YFZ 450 R SE	2009-2021	Stage 3 Cam	78-38046		78-38047	
450	YFZ 450 X	2010-2011	Stage 1 Cam	78-38008		78-38009	
450	YFZ 450 X	2010-2011	Stage 2 Cam	78-38044		78-38045	
450	YFZ 450 X	2010-2011	Stage 3 Cam	78-38046		78-38047	
450	YFZ 450 X BILL BALANCE EDITION	2010	Stage 1 Cam	78-38008		78-38009	
450	YFZ 450 X BILL BALANCE EDITION	2010	Stage 2 Cam	78-38044		78-38045	
450	YFZ 450 X BILL BALANCE EDITION	2010	Stage 3 Cam	78-38046		78-38047	
450	YFZ 450 X SE	2011	Stage 1 Cam	78-38008		78-38009	
450	YFZ 450 X SE	2011	Stage 2 Cam	78-38044		78-38045	
450	YFZ 450 X SE	2011	Stage 3 Cam	78-38046		78-38047	
660	YFM 660 F GRIZZLY 4X4	2002-2008	Mudbuster Cam		78-38032		
660	YFM 660 F GRIZZLY 4X4	2002-2008	Stage 1 Cam		78-38023		
660	YFM 660 F GRIZZLY 4X4	2002-2008	Stage 1 Cam		78-38030		
660	YFM 660 R RAPTOR	2001-2005	Stage 1 Cam		78-38000		
660	YFM 660 R RAPTOR	2001-2005	Stage 2 Cam		78-38022		
660	YFM 660 R RAPTOR	2001-2005	Stage 3 Cam		78-38025		
700	YFM 700 FG GRIZZLY 4X4	2007-2013	Mudbuster Cam		78-38032		
700	YFM 700 FG GRIZZLY 4X4	2007-2013	Stage 2 Cam		78-38033		
700	YFM 700 R RAPTOR	2006-2008	Stage 1 Cam		78-38004		
700	YFM 700 R RAPTOR	2006-2008	Stage 2 Cam		78-38026		
700	YFM 700 R RAPTOR	2006-2008	Stage 3 Cam		78-38027		

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CC	Model	Years	Notes	Intake	Single	Exhaust	Set
Yamaha™							
ATV							
700	YFM 700 R RAPTOR	2009-2025	Stage 1 Cam		78-38007		
700	YFM 700 R RAPTOR	2009-2025	Stage 2 Cam		78-38036		
700	YFM 700 R RAPTOR	2009-2025	Stage 3 Cam		78-38037		
700	YFM 700 R RAPTOR SE	2009-2025	Stage 1 Cam		78-38007		
700	YFM 700 R RAPTOR SE	2009-2025	Stage 2 Cam		78-38036		
700	YFM 700 R RAPTOR SE	2009-2025	Stage 3 Cam		78-38037		
UTV/SXS							
660	YXR 660F RHINO	2004-2007	Stage 1 Cam		78-38023		
660	YXR 660F RHINO	2004-2007	Stage 1 Cam		78-38030		
700	YXR 700 F RHINO	2008-2013	Stage 2 Cam		78-38034		

TERMS &
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CAMSHAFTS NOTES

REMARQUES SUR LES ARBRES À CAMES

Pages 312-314 for applications / Voir les pages 312 à 314 pour les applications

Part No.	Notes
78-08000	Stage 1 cam: More bottom end and no top-end loss with improved acceleration: Uses stock valve springs and rockers: Dual cam engine: Intake and exhaust cams sold as a set: Uses stock auto-decompression mechanism
78-08000*	Stage 2 cam: More mid-range and top-end over stock: Uses stock valve springs and rockers: Dual cam engine: Intake and exhaust cams sold as a set: Uses stock auto-decompression mechanism
78-08005	Stage 1 intake cam: Increased low-end and mid-range power than OEM with no loss on the top-end: For best results it should be used with the 78-08006 exhaust cam: Uses stock DRZ400 valve springs: If installed in anything other than DRZ400 you must install DRZ400 valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Off-road competition use only
78-08006	Stage 1 exhaust cam: Increased low-end and mid-range power than OEM with no loss on the top-end: For best results it should be used with the 78-08005 intake cam: Uses stock DRZ400 valve springs: If installed in anything other than DRZ400 you must install DRZ400 valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Off-road competition use only: Supplied with decompression mechanism
78-38000	Stage 1 cam: Excellent mid-range and top-end power increase: Uses stock valve springs: Single-cam engine: Uses stock auto-decompression mechanism
78-38001	Stage 1 cam: Excellent mid-range and top-end gains compared to OEM: Uses stock valve springs and rockers: Single-cam engine
78-38002	Stage 2 intake cam: Excellent top-end power increase with some bottom end loss: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-38003	Stage 2 exhaust cam: Excellent top-end power increase with some bottom end loss: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Includes auto-decompression mechanism
78-38004	Stage 1 cam: Excellent mid-range and top-end increase: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38005	Stage 1 cam: Excellent mid-range and top-end increase: Uses stock valve springs and rockers: Single-cam engine
78-38007	Stage 1 cam: Good midrange and top end gains: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38008	Stage 1 intake cam: Low-end and mid-range power increase with minimal top-end loss: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-38009	Stage 1 exhaust cam: Low-end and mid-range power increase with minimal top-end loss: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Supplied with decompression mechanism
78-38022	Stage 2 cam: Improved mid-range and top-end power: Requires Hot Cams spring kit part number SKYFM660S2: Dual-cam engine: Uses stock auto-decompression mechanism
78-38023	Stage 1 cam: Mudbuster camshaft: Improved acceleration, more bottom-end, and no top-end loss: Must use Raptor 660 center intake valve spring (NOT included): All other valve springs stock: Single cam engine: Uses stock auto-decompression mechanism
78-38024	Stage 2 cam: Excellent mid-range and top-end power increase: Designed specifically for the Hot Rods stroker crank and piston kit 4143 and 23616A: Uses stock valve springs and rockers: Single-cam engine
78-38025	Stage 3 cam: Substantial mid-range and top-end gains with minor loss of low-end power: Specifically designed for Hot Rods big bore/stroker kit: Not for stock displacement: Requires Hot Cams valve spring kit part number SKYFM660S2: Single-cam engine: Uses stock auto-decompression mechanism
78-38026	Stage 2 cam: Excellent top-end and great over rev: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38027	Stage 3 cam: Drastically improves top-end with over rev: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38028	Stage 3 intake cam: Excellent top-end increase: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-38029	Stage 3 exhaust cam: Excellent top-end increase: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Supplied with decompression mechanism
78-38030	Stage 1 cam: Improved acceleration, more bottom end, and no top-end loss: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38031	Stage 2 cam: Excellent mid-range and top-end increase. Designed specifically for use with the Hot Rods stroker crank 4143 and piston kit 23616A: Uses stock valve springs and rockers: Single-cam engine
78-38032	Mudbuster cam: Improved acceleration, more bottom-end, and no top-end loss: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38033	Stage 2 cam: Good mid range and great top-end power gains: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38034	Stage 2 cam: Good gains across the entire RPM range: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38036	Stage 2 cam: Excellent top end and great over rev: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38037	Stage 3 cam: Drastically improves top-end with over rev. Almost no loss in high RPM power: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-38044	Stage 2 intake cam: Mid to top end RPM power increase and minimal bottom end loss: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-38045	Stage 2 exhaust cam: Mid to top end RPM power increase and minimal bottom end loss: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Supplied with decompression mechanism
78-38046	Stage 3 intake cam: Provides the most high RPM power. These cams are best suited for higher speed riding applications and oversize engines: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-38047	Stage 3 exhaust cam: Provides the most high RPM power. These cams are best suited for higher speed riding applications and oversize engines: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Supplied with decompression mechanism
78-48000	Stage 1 intake cam: Excellent mid-range to top-end power increase: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48001	Stage 1 exhaust cam: Excellent mid-range to top-end power increase: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Uses stock decompression mechanism: Some assembly required

CAMSHAFTS NOTES

REMARQUES SUR LES ARBRES À CAMES



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Part No.	Notes
78-48002	Stage 1 intake cam: Excellent bottom-end and mid-range increase. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48003	Stage 1 exhaust cam: Excellent bottom-end and mid-range increase. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48004	Stage 1 cam: Improved torque in the bottom 1/2 of the RPM range. Almost no loss in high RPM power: Uses stock valve springs and rockers: Single-cam engine: Supplied with decompression mechanism
78-48005	Stage 2 cam: Improved peak torque and increased mid-range to top-end horsepower with no loss on low-end torque: Uses stock valve springs and rockers: Single-cam engine: Supplied with decompression mechanism
78-48006	Stage 2 intake cam: Improved mid range and good top-end power gain. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48007	Stage 2 exhaust cam: Improved mid range and good top-end power gain. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48008	Stage 2 intake cam: Excellent midrange to top end increase. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48009	Stage 2 exhaust cam: Excellent midrange to top end increase. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48010	Stage 1 intake cam: Big gains from 2500 RPM to 6400 RPM. With no top end loss. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48011	Stage 1 exhaust cam: Big gains from 2500 RPM to 6400 RPM. With no top end loss. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48012	Stage 2 intake cam: Increased power throughout the entire RPM range with the biggest gains from 5,000 to 7,000 rpm and better over-rev from 7,500 to 9,000 rpm. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48013	Stage 2 exhaust cam: Increased power throughout the entire RPM range with the biggest gains from 5,000 to 7,000 rpm and better over-rev from 7,500 to 9,000 rpm. Must use aftermarket heavy duty buckets when running aftermarket camshafts: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-48014	Stage 1 cam: Big horsepower gains from 2500 RPM to 5500 RPM with almost no loss on top to redline: New Polaris hydraulic lifters must be installed with this camshaft: Designed with Improved Throttle Response (I.T.R.) Technology: Uses stock valve springs, pushrods, and rockers: Single-cam engine
78-68000	Stage 1 cam: Excellent mid-range and top-end power increase: Uses stock valve springs and rockers: Single-cam engine: Does not utilize an auto-decompression mechanism: Stock starter is sufficient: Not recommended for big bore applications over 426cc
78-68001	Stage 1 cam: Excellent bottom-end and mid-range increase: Improved throttle response: Uses stock valve springs: Single-cam engine: Uses stock auto-decompression mechanism
78-68002	Stage 1 cam: Excellent mid-range and top-end increase: Uses stock valve springs and rockers: Single-cam engine
78-68003	Stage 1 cam: Excellent bottom-end and mid-range increase: Improved throttle response: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism
78-68004	Stage 1 cam: Has improved power at all RPM's over OEM: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism: Some assembly required
78-68015	Stage 2 cam: Excellent mid-range and top-end increase: Improved throttle response: Uses stock valve springs: Single-cam engine: Uses stock auto-decompression mechanism
78-68017	Stage 2 cam: Slight mid-range gain and excellent top-end power increase: Uses stock valve springs and rockers: Single-cam engine: Does not utilize an auto-decompression mechanism: Stock starter is sufficient
78-68018	Stage 3 cam: Top-end power. Designed specifically for Hot Rods big bore stroker kit: Uses stock valve springs and rockers: Single-cam engine: Does not utilize an auto-decompression mechanism: Stock starter is sufficient
78-68019	Stage 3 cam: Significantly more top-end power increases than stage 2: Works best with big bore/stroker applications: Uses stock valve springs: Single-cam engine: Uses stock auto-decompression mechanism
78-68020	Stage 2 cam: Excellent mid-range and top-end increase: Improved throttle response: Uses stock valve springs: Single-cam engine: Uses stock auto-decompression mechanism
78-68021	Stage 3 cam: Significantly more top-end power increases than stage 2: Works best with big bore/strokers applications: Uses stock valve springs: Single-cam engine: Uses stock auto-decompression mechanism
78-68023	Stage 3 cam: Top-end cam gains from 5500 to redline: Works best with modified engines: Uses stock valve springs and rockers: Single-cam engine: Uses stock decompression mechanism: Some assembly required
78-78001	Stage 1 intake cam: Excellent mid-range and top-end gains with better over rev than stock: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-78002	Stage 1 exhaust cam: Excellent mid-range and top-end gains with better over rev than stock: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Uses stock auto-decompression mechanism
78-88000	Stage 2 intake cam: Good mid-range and top-end power increase: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-88001	Stage 2 exhaust cam: Good mid-range and top-end power increase: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Uses stock auto-decompression mechanism
78-88002	Stage 3 intake cam: Good top-end increase and improved over rev: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately
78-88003	Stage 3 exhaust cam: Good top-end power increase and improved over rev: Uses stock valve springs: Dual-cam engine: Intake and exhaust cams sold separately: Uses stock auto-decompression mechanism

HOTCAMS CAMSHAFT SPECS

SPÉCIFICATIONS DES ARBRES À CAMES



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Part No.	Intake Lift (mm)	Intake Lobe Center (°)	Intake Duration (°)	Intake Valve Lash (mm)	Exhaust Lift (mm)	Exhaust Lobe Center (°)	Exhaust Duration (°)	Exhaust Valve Lash (mm)
78-08000	7.9	102	214	0.15	6.7	98.5	205	0.25
78-08005	9.14	104	230	0.15				
78-08006					8.64	102	231	0.2
78-38000	8.5	106	254	0.2	9.4	106	246	0.25
78-38001	10	107.5	250	0.13	10	107.5	250	0.15
78-38002	8.86	110	269	0.15				
78-38003					8.67	103	265	0.2
78-38004	9.6	111.75	253.5	0.1	8.6	102	243	0.18
78-38005	10	107.5	250	0.13	10	107.5	250	0.15
78-38007	9.6	111.75	253.5	0.1	8.6	102	243	0.18
78-38008	8.13	108	230	0.12				
78-38009					8.64	105	258	0.22
78-38022	9.75	106	246	0.2	10.28	104	259	0.25
78-38023	9.02	104.5	247	0.2	9.12	104.5	248	0.25
78-38024	10	115	262	0.13	10	104	254	0.15
78-38025	10.16	112	265	0.2	10.82	102.5	271	0.25
78-38026	10.3	111	260	0.1	8.6	102.5	243	0.18
78-38027	10.3	112.5	268	0.1	8.6	102	255	0.18
78-38028	8.89	108	260	0.15				
78-38029					8.69	97.25	254	0.2
78-38030	8.64	101.5	246	0.2	9.04	102.5	248	0.25
78-38031	10	115	262	0.13	10	104	254	0.15
78-38032	9.6	111.75	253.5	0.1	8.6	102	243	0.18
78-38033	10.3	112.5	268	0.1	8.6	102	255	0.18
78-38034	9.6	111.75	253.5	0.1	8.6	102	243	0.18
78-38036	10.3	111	260	0.1	8.6	102.5	243	0.18
78-38037	10.3	112.5	268	0.1	8.6	102	255	0.18
78-38044	8.64	106	239	0.12				
78-38045					9.14	107	262	0.22
78-38046	8.64	106	250	0.12				
78-38047					9.65	106	262	0.22
78-48000	10.7	106	241	0.15				
78-48001					10.7	100	235	0.25
78-48002	10.13	93	228.5	0.15				
78-48003					10.12	100.3	227.8	0.2
78-48004	8.51	105	219	0.15	8.51	105	219	0.15
78-48005	8.51	107	223	0.15	8.51	106	223	0.15
78-48006	9.63	104.86	227.8	0.15				
78-48007					9.15	101	215.5	0.3
78-48008	10.45	97	234.7	0.15				
78-48009					10.18	99.25	230.38	0.2
78-48010	9.63	100.5	227.8	0.15				
78-48011					9.15	101	215.5	0.3
78-48012	10.45	97	234.7	0.15				
78-48013					10.18	99.25	230.38	0.25
78-48014	10.67	105	240		10.41	105	235	
78-68000	9	106	246	0.13	9	107	246	0.15
78-68001	9.6	109	238	0.15	8.8	103.25	270	0.28
78-68002	7.5	103.5	238	0.1	7.5	103.5	232	0.15
78-68003	9.6	109	238	0.15	8.8	103.25	270	0.28
78-68004	9.02	111.5	244	0.15	9.14	103	238	0.2
78-68015	10.1	112	248	0.15	8.8	104.5	270	0.28
78-68017	9	106	254	0.13	8.9	104.25	248.5	0.15
78-68018	9.1	110.5	262	0.13	9	104.5	257	0.15
78-68019	10.4	116.5	254	0.15	9.1	104	265	0.28
78-68020	10.1	112	248	0.15	8.8	104.5	270	0.28
78-68021	10.4	116.5	254	0.15	9.1	104	265	0.28
78-68023	9.53	113.5	257	0.15	9.53	108	257	0.2
78-78001	9.55	105	249	0.15				
78-78002					9.55	109	253	0.25
78-88000	9.14	104	234	0.1				
78-88001					8.38	102	240	0.18
78-88002	9.91	106	250	0.1				
78-88003					10.16	103.5	259	0.15