

TOP END SERVICE KITS - STAINLESS CONVERSION

September 28, 2022



HONDA

AVAILABLE NOW

NEW PRODUCTS



ALL KIT CONTENTS

- Piston, Rings, Clips and Pin – (2618 Alloy Fully CNC Machined Race Piston)
- Complete Top End Gasket Kit by Cometic™
- KPMI® S.S. Black Diamond™ or White Diamond® Valves, Stock Head Dia. (All Valves)
- Complete Dual Spring / High Performance Titanium Retainer Spring Kit

FEATURES

- Complete piston assembly, gasket kit and valves to rebuild or service your bikes top end
- Cost saving built into purchasing these components as a kit
- Designed specifically for the performance demands of MX Bikes and Quads
- Pistons designed to maintain stock compression
- 2618 Alloy Fully CNC Machined Piston with performance skirt coating
- KPMI® High Performance Valvetrain is known to outlast OEM by twice the service life
- Lightweight Racing Spring Kit compatible with high performance cams

IMPORTANT NOTE: The piston assembly (piston, rings, pin and pin clips) in this kit are designed to work together as a system. When used complete, the piston assembly can be used as an OEM replacement. The individual components are **NOT INTERCHANGEABLE** with O.E.M. piston assembly components.

Top End Service Kit For CRF™ 450R 2002-2006

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
30-32700	96.00mm	Intake	.440"	1.215"	40#	147#	.440"
		Exhaust	.440"	1.365"	70#	203#	.440"
Kit Includes	2		In Titanium Retainers	2	In CrSi Valve Springs	2	In H. T. Steel Basewashers
	2		Ex Titanium Retainers	2	*Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
	2		In, Std..Black Diamond™ Valves	2		Ex Std. Black Diamond™ Valves	
	1		High Performance Piston Kit		1		Top End Gasket Kit

Components • Replacement • Top End Service Kit For CRF™ 450R 2002-2006

KPMI P/N	Description	Specification
30-30640	Spring Kit	Includes: Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
30-30220	Intake, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-30223	Exhaust, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-32701	Gasket Kit	Includes: Base gasket, Engine case gasket, Exhaust gasket, Head gasket, Washers, Valve stem seals

Top End Service Kit For CRF™ 450R 2007-2008

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
30-33100	96.00mm	Intake	.440"	1.215"	40#	147#	.440"
		Exhaust	.440"	1.365"	70#	203#	.440"
Kit Includes	2		In Titanium Retainers	2	In CrSi Valve Springs	2	In H. T. Steel Basewashers
	2		Ex Titanium Retainers	2	*Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
	2		In, Std..Black Diamond™ Valves	2		Ex Std. Black Diamond™ Valves	
	1		High Performance Piston Kit		1		Top End Gasket Kit

Components • Replacement • Top End Service Kit For CRF™ 450R 2007-2008

KPMI P/N	Description	Specification
30-30640	Spring Kit	Includes: Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
30-30220	Intake, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-30225	Exhaust, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-33101	Gasket Kit	Includes: Base gasket, Engine case gasket, Exhaust gasket, Head gasket, Washers, Valve stem seals

*The Exhaust springs for this kit include a progressively wound Inner Spring, which should be installed with the tightly wound end seated on the H.T. Steel Basewashers.

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Top End Service Kit For CRF™ 450X 2005-2017

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
30-32900	96.00mm	Intake	.440"	1.215"	40#	147#	.440"
		Exhaust	.440"	1.365"	70#	203#	.440"
Kit Includes	2		In Titanium Retainers	2	In CrSi Valve Springs	2	In H. T. Steel Basewashers
	2		Ex Titanium Retainers	2	*Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
	2			In, Std. Black Diamond™ Valves	2	Ex Std. Black Diamond™ Valves	
	1			High Performance Piston Kit	1	Top End Gasket Kit	

Components • Replacement • Top End Service Kit For CRF™ 450X 2005-2017

KPMI P/N	Description	Specification
30-31050	Spring Kit	Includes: Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
30-31062	Intake, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-31066	Exhaust, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-32901	Gasket Kit	Includes: Base gasket, Engine case gasket, Exhaust gasket, Head gasket, Washers, Valve stem seals

Top End Service Kit For TRX™ 450R 2004-2005

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
30-32500	94.00mm	Intake	.440"	1.215"	40#	147#	.440"
		Exhaust	.440"	1.365"	70#	203#	.440"
Kit Includes	2		In Titanium Retainers	2	In CrSi Valve Springs	2	In H. T. Steel Basewashers
	2		Ex Titanium Retainers	2	*Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
	2			In Std. Black Diamond™ Valves	2	Ex Std. Black Diamond™ Valves	
	1			High Performance Piston Kit	1	Top End Gasket Kit	

Components • Replacement • Top End Service Kit For TRX™ 450R 2004-2005

KPMI P/N	Description	Specification
30-30720	Spring Kit	Includes: Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
30-30750	Intake, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-30753	Exhaust, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-32501	Gasket Kit	Includes: Base gasket, Engine case gasket, Exhaust gasket, Head gasket, Washers, Valve stem seals

Top End Service Kit For TRX™ 450R / ER 2006-2014

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
30-32600	96.00mm	Intake	.440"	1.215"	40#	147#	.440"
		Exhaust	.440"	1.365"	70#	203#	.440"
Kit Includes	2		In Titanium Retainers	2	In CrSi Valve Springs	2	In H. T. Steel Basewashers
	2		Ex Titanium Retainers	2	*Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
	2			In Std. Black Diamond™ Valves	2	Ex Std. Black Diamond™ Valves	
	1			High Performance Piston Kit	1	Top End Gasket Kit	

Components • Replacement • Top End Service Kit For TRX™ 450R / ER 2006-2014

KPMI P/N	Description	Specification
30-30920	Spring Kit	Includes: Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
30-30950	Intake, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-30953	Exhaust, Standard Valve	Valves • Black Diamond™ • Black Nitroreg Stems
30-32601	Gasket Kit	Includes: Base gasket, Engine case gasket, Exhaust gasket, Head gasket, Washers, Valve stem seals

Top End Service Kit For YZ 450F 2003-'05 / WR 450 2003-'06

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
80-81900	95.00mm	Intake	.380"	1.105"	39#	86#	.380"
		Exhaust	.380"	1.105"	39#	86#	.380"
Kit Includes	3		In Titanium Retainers	3	In CrSi Valve Springs	3	In H. T. Steel Basewashers
	2		Ex Titanium Retainers	2	Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
	2		In Std. (Outer) White Diamond® Valves	1	In Std. (Center) White Diamond® Valves	2	Ex Std. White Diamond® Valves
	3			In Viton® Seals	2	Ex Viton® Seals	
	1			High Performance Piston Kit	1	Top End Gasket Kit	

*The Exhaust springs for this kit include a progressively wound Inner Spring, which should be installed with the tightly wound end seated on the H.T. Steel Basewashers.

ORDER 650-557-2046

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YAMAHA

Components • Replacement • Top End Service Kit For YZ 450F 2003-'05 / WR 450 2003-'06

KPMI P/N	Description	Specification
80-80206	Spring Kit	Includes: Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
80-80213H	Intake, Standard (Outer) Valve	Valves • White Diamond® • Stainless
80-80215H	Intake, Standard (Center) Valve	Valves • White Diamond® • Stainless
80-80217H	Exhaust, Standard Valve	Valves • White Diamond® • Stainless
80-81901	Gasket Kit	Includes: Base gasket, Engine case gasket, Exhaust gasket, Head gasket, Washers, Valve stem seals

Top End Service Kit For YZ 450F 2006-'09 / WR 450 2007-'15

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
80-82000	95.00mm	Intake	.380"	1.105"	39#	86#	.380"
		Exhaust	.380"	1.105"	39#	86#	.380"
Kit Includes		3	In Titanium Retainers	3	In CrSi Valve Springs	3	In H. T. Steel Basewashers
		2	Ex Titanium Retainers	2	Ex CrSi Valve Springs	2	Ex H. T. Steel Basewashers
		2	In Std. (Outer) White Diamond® Valves	1	In Std. (Center) White Diamond® Valves	2	Ex Std. White Diamond® Valves
		3	In Viton® Seals		2	Ex Viton® Seals	
		1	High Performance Piston Kit		1	Top End Gasket Kit	

Components • Replacement • Top End Service Kit For YZ 450F 2006-'09 / WR 450 2007-'15

KPMI P/N	Description	Specification
80-80206	Spring Kit	Includes: Ti Retainers, CrSi Valve Springs, H.T. Steel Basewashers
80-80213H	Intake, Standard (Outer) Valve	Valves • White Diamond® • Stainless
80-80215H	Intake, Standard (Center) Valve	Valves • White Diamond® • Stainless
80-80217H	Exhaust, Standard Valve	Valves • White Diamond® • Stainless
80-82001	Gasket Kit	Includes: Base gasket, Engine case gasket, Exhaust gasket, Head gasket, Washers, Valve stem seals

Retail Price List

KPMI P/N	Description	Retail
30-32700	Top End Service Kit For CRF™ 450R 2002-2006	\$550.01
30-32701	Gasket Kit, Replacement	\$88.98
30-30640	Spring Kit	\$207.81
30-30220	Valve, Black Diamond™, In Std.	\$31.01
30-30223	Valve, Black Diamond™, Ex Std.	\$31.01
30-33100	Top End Service Kit For CRF™ 450R 2007-2008	\$550.01
30-33101	Gasket Kit, Replacement	\$88.98
30-30225	Valve, Black Diamond™, Ex Std.	\$31.01
30-32900	Top End Service Kit For CRF™ 450X 2005-2017	\$550.01
30-32901	Gasket Kit, Replacement	\$109.31
30-31050	Spring Kit	\$207.81
30-31062	Valve, Black Diamond™, In Std.	\$31.01
30-31066	Valve, Black Diamond™, Ex Std.	\$31.01
30-32500	Top End Service Kit For TRX™ 450R 2004-2005	\$550.01
30-32501	Gasket Kit, Replacement	\$88.98
30-30720	Spring Kit	\$207.81
30-30750	Valve, Black Diamond™, In Std.	\$31.01
30-30753	Valve, Black Diamond™, Ex Std.	\$31.01
30-32600	Top End Service Kit For TRX™ 450R / ER 2006-2014	\$550.01
30-32601	Gasket Kit, Replacement	\$99.05
30-30920	Spring Kit	\$207.81
30-30950	Valve, Black Diamond™, In Std.	\$31.01
30-30953	Valve, Black Diamond™, Ex Std.	\$31.01
80-81900	Top End Service Kit For YZ 450F 2003-'05 / WR 450 2003-'06	\$613.64
80-81901	Gasket Kit, Replacement	\$109.31
80-80206	Spring Kit	\$317.71
80-80213H	Valve, White Diamond®, In Std. (Outer)	\$37.55
80-80215H	Valve, White Diamond®, In Std. (Center)	\$37.55
80-80217H	Valve, White Diamond®, Ex Std.	\$37.55
80-82000	Top End Service Kit For YZ 450F 2006-'09 / WR 450 2007-'15	\$613.64
80-82001	Gasket Kit, Replacement	\$90.26

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