

# TOP END SERVICE KITS - STAINLESS CONVERSION

December 7, 2022



**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 or Beehive Spring / High Performance Titanium or H.T. Steel Retainer Spring Kit

## FEATURES

- Complete piston assembly, gasket kit and valves to rebuild or service your rig's top end
- Cost saving built into purchasing these components as a kit
- Designed specifically for the performance demands of MX Bikes, ATV's, and UTV's
- 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 Polaris® Predator™ / Outlaw™ 500 2003-'07

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
82-83250	99.2mm	Intake	.440"	1.375"	66#	199#	.440"
		Exhaust					
Kit Includes			4	In / Ex Titanium Retainers	4	In/ Ex CrSi Dual Springs	
			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 Polaris® Predator™ / Outlaw™ 500 2003-'07

KPMI P/N	Description	Specification
82-82012	Spring Kit	Includes: Ti Retainers, CrSi Dual Springs
82-82052	In Std. Black Diamond™ Valves	Valves • Black Diamond™ • Stainless
82-82055	Ex Std. Black Diamond™ Valves	Valves • Black Diamond™ • Stainless
82-83251	Gasket Kit	Includes: Head Gasket 99mm Bore (1), Base Gasket (1), Cam Chain Tensioner (1), Exhaust Gasket (2), Oil Filter Copper Washer (6), Valve Stem Seals (4)

### Top End Service Kit For Polaris® Various 900's 2014-2022 Ranger™ 900 XP 2014-2019 • RZR™ 900 2015-2022

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
82-83900	93mm	Intake	.435"	1.360"	80#	205#	.435"
		Exhaust					
Kit Includes			8	In / Ex H. T. Steel Retainers	8	In/ Ex CrSi Beehive Spring	
			4	In Std. Black Diamond™ Valves	4	Ex Std. Black Diamond™ Valves	
			1	High Performance Piston Kit	1	Top End Gasket Kit	

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## Components • Replacement • Top End Service Kit For Polaris® Various 900's 2014-2022 Ranger™ 900 XP 2014-2019 • RZR™ 900 2015-2022

KPMI P/N	Description	Specification
82-82550	Spring Kit	Includes: H.T. Steel Retainers, CrSi Beehive Spring
82-82255	In Std. Black Diamond™ Valves	Valves • Black Diamond™ • Stainless
82-82258	Ex Std. Black Diamond™ Valves	Valves • Black Diamond™ • Stainless
82-83901	Gasket Kit	Includes: Head Gasket 94mm Bore (1), Base Gasket (1), Cam Chain Tensioner Gasket (1), Header Gasket (1), Valve Spring Seat with Seal (8), Thermostat Seal (1), Water Outlet O-ring (1)

## Top End Service Kit For Polaris® Various 1000's 2015-2022 RZR™ 1000 (&S/ XP/ Trail S) 2014-2022 • RZR™ RS1 2018-2022 • General 1000 (&XP) 2016-2022

KPMI P/N	Piston Bore Size	Type	Max Valve Lift	Installed Height	Seat Pressure	Open Pressure	@ Lift
82-83950	93mm	Intake Exhaust	.435"	1.360"	80#	205#	.435"
Kit Includes			8	In / Ex H. T. Steel Retainers	8	In/ Ex CrSi Beehive Spring	
			4	In Std. Black Diamond™ Valves	4	Ex Std. Black Diamond™ Valves	
			1	High Performance Piston Kit	1	Top End Gasket Kit	

**Note:** not recommended for TURBO's

## Components • Replacement • Top End Service Kit For Polaris® Various 1000's 2015-2022 RZR™ 1000 (&S/ XP/ Trail S) 2014-2022 • RZR™ RS1 2018-2022 • General 1000 (&XP) 2016-2022

KPMI P/N	Description	Specification
82-82550	Spring Kit	Includes: H.T. Steel Retainers, CrSi Beehive Spring
82-82612	In Std. Black Diamond™ Valves	Valves • Black Diamond™ • Stainless
82-82616	Ex Std. Black Diamond™ Valves	Valves • Black Diamond™ • Stainless
82-83951	Gasket Kit	Includes: Head Gasket 94mm Bore (1), Base Gasket (1), Cam Chain Tensioner Gasket (1), Header Gasket (1), Valve Spring Seat with Seal (8), Thermostat Seal (1), Water Outlet O-ring (1)

## Retail Price List

KPMI P/N	Description	Retail
82-83250	Piston/Spring Kit, 0.440" Lift for Polaris Predator / Outlaw 500 2003-2007	\$550.01
82-83251	Top End Gasket Kit	\$85.80
82-82012	Spring Kit, Lightweight Racing, 0.440" Lift	\$181.21
82-82052	Valve, Black Diamond™ Stainless, In Std.	\$37.55
82-82055	Valve, Black Diamond™ Stainless, Ex Std.	\$37.55
82-83900	Piston/Spring Kit, 0.435" Lift for Polaris Various 900's 2013-2022	\$958.53
82-83901	Top End Gasket Kit	\$85.66
82-82550	Beehive Spring Kit, Steel, 0.435" Lift	\$232.66
82-82255	Valve, Black Diamond™ Stainless, In Std.	\$37.55
82-82258	Valve, Black Diamond™ Stainless, Ex Std.	\$37.55
82-83950	Piston/Spring Kit, 0.435" Lift for Polaris Various 1000's 2014-2022	\$958.53
82-83951	Top End Gasket Kit	\$85.66
82-82550	Beehive Spring Kit, Steel, 0.435" Lift	\$232.66
82-82612	Valve, Black Diamond™ Stainless, In Std.	\$37.55
82-82616	Valve, Black Diamond™ Stainless, Ex Std.	\$37.55

Contact a KPMI® Sales Representative Today!

**650-557-2046, Ext. 802**

**ORDER 650-557-2046**