



New Product Tech Bulletin

Jan. 17, 2019

KPMI TECH BULLETIN



Figure 1



Figure 2

AVAILABLE NOW

Superseded Kawasaki® and Suzuki® Valves

KPMI® has several Kawasaki® and Suzuki® valve designs whereas we have selected a proprietary material and heat treatment process that enhances the durability of the valve face to retard valve face recession. For several years now, this material and heat treatment process was coupled with the KPMI® Black Diamond™ surface treatment. During the heat treatment stage of manufacturing, the Black Diamond™ coating would come under attack and suffer oxidation and corrosion, leaving a new valve looking used. Although this combination of processes did achieve a superior stainless one piece valve that would prove to have a highly durable valve face, the valve heads had an unaesthetic appearance (see Figure 1 and 2). Recently, the KPMI® engineering department completed design reviews for all valves with these issues. The solution was to move away from the KPMI® Black Diamond™ treatment and introduce the well-recognized and proven KPMI® White Diamond® coating and then post process after heat treatment to leave the head of the valve in a beautiful polished stainless finish (see Figure 1 and 2). We hope you are as excited as we are to provide you with these enhanced valve designs that we will be introducing in a superseding fashion over the next few months.

Please refer to the first round of the updated superseded part number list below.

For KAWASAKI® KLX™/ KFX™ 400 2001-2006

Old P/N	Superseded By	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Remarks
40-40188	40-40188H	Intake	36.00mm	1.417"	0.1960"	20°	3.245"	Standard
40-40189	40-40189H	Intake	37.00mm	1.457"	0.1960"	20°	3.245"	Oversize
40-40191	40-40191H	Exhaust	29.00mm	1.142"	0.1953"	21°	3.210"	Standard
40-40192	40-40192H	Exhaust	30.00mm	1.182"	0.1953"	17°	3.210"	Oversize

For SUZUKI® RM-Z250 2007-2017

KPMI P/N	Superseded By	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Remarks
60-60512	60-60512H	Intake	31.00mm	1.220"	0.1765"	15°	3.175"	Standard
60-60516	60-60516H	Exhaust	25.00mm	0.985"	0.1760"	25°	3.185"	Standard

For SUZUKI® LT-Z / D-RZ 400 2000-2017

KPMI P/N	Superseded By	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Remarks
60-60050	60-60050H	Intake	36.00mm	1.418"	0.1960"	20°	3.245"	Standard
60-60051	60-60051H	Intake	37.00mm	1.457"	0.1960"	20°	3.245"	Oversize
60-60053	60-60053H	Exhaust	29.00mm	1.142"	0.1953"	21°	3.210"	Standard
60-60054	60-60054H	Exhaust	30.00mm	1.182"	0.1953"	17°	3.210"	Oversize

For SUZUKI® RM-Z450™ 2005-2006

KPMI P/N	Superseded By	Type	Head Diameter		Stem Diameter	Tulip	O. L.	Remarks
60-60270	60-60270H	Intake	36.00mm	1.418"	0.1960"	20°	3.245"	Standard
60-60271	60-60271H	Intake	37.00mm	1.456"	0.1960"	20°	3.245"	Oversize
60-60273	60-60273H	Exhaust	29.00mm	1.142"	0.1953"	21°	3.210"	Standard
60-60274	60-60274H	Exhaust	30.00mm	1.182"	0.1953"	17°	3.210"	Oversize

VISIT US AT WWW.KPMI.US