## **New Product Tech Bulletin**

August 22, 2019



Figure 1



Figure 2



## Superseded Kawasaki® and Suzuki® Valves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Please refer to 3rd round of the updated superseded part number list below.

Kawasaki® KX250F™ 2004-2016											
KPMI P/N	Superseded By	Туре	Head Diameter			Stem Diameter	Tulip	0. L.	Remarks		
40-40140	40-40140H	Intake	31.00mm	1.220"		0.1765"	20°	3.120"	Standard		
40-40143	40-40143H	Exhaust	25.00mm	0.985"		0.1756"	25°	3.125"	Standard		
	Retail Price					\$37.55					

Suzuki® RM-Z250™ 2004-2006											
KPMI P/N	Superseded By	Туре	Head Diameter			Stem Diameter	Tulip	0. L.	Remarks		
60-60210	60-60210H	Intake	31.00mm	1.220"		0.1765"	20°	3.120"	Standard		
60-60213	60-60213H	Exhaust	25.00mm	0.984"		0.1756"	25°	3.125"	Standard		
Retail Price					\$37.55						

Contact a KPMI® Sales Representative Today!
650-557-2046, Ext. 802