



# NEW PRODUCT

December 13, 2021



30-33850



41009-4

## H.T. Steel Cylinder Stud Kit

**AVAILABLE NOW**

<b>Manufactures</b>	Honda®	Honda®	Honda®
<b>Years</b>	2002-2008	2005-2017	2006-2014
<b>Models</b>	CRF450R	CRF450X	TRX450R/ ER

### Cylinder Head Stud Kit

	<b>KPMI P/N</b>	<b>O. L. "C"</b>		<b>Body Dia.</b>		<b>A</b>		<b>B</b>	
	<b>30-33850</b>	7.25"		0.439"		1.00"		1.00"	
	<b>Includes</b>	4	H.T. Steel Studs	4	H.T. Steel Nuts	4	H.T. Steel Washers		
<b>Retail</b>					\$113.79				

### Cylinder Head Nuts

	<b>KPMI P/N</b>	<b>Material</b>	<b>O. L.</b>	<b>F. D.</b>	<b>Thread</b>	<b>Quantity</b>
	<b>41009-4</b>	H. T. Steel	0.505"	0.750	M12 x 1.25	Pkg. of 4
	<b>Retail</b>			\$30.49		

- Nuts are machined from billet high tensile steel and heat treated
- Studs are heat treated 180,000 PSI aircraft alloy steel
- Both nut and stud have rolled threads for the strongest possible threads
- Both nut and stud are black oxide treated for enhanced corrosion resistance

KPMI® Cylinder Studs are made from 180,000 psi yield strength, fine grain, heat treated, aircraft grade alloy steel. When you want a stud that meets proof-stress and maximizes clamping force, look no further. KPMI® "rolls" the threads, heat treats and then centerless grinds the entire body of the stud. Rolling the threads creates the toughest and strongest thread possible and centerless grinding removes notch sensitivity. The final process for all KPMI® Studs is to encase the entire stud with premium corrosion resistant treatment of Black Oxide. Congratulations on your choice to purchase a stud that meets and exceeds your stock-replacement of high-performance needs!

KPMI® nuts are single point machined from high tensile strength Aircraft Alloy Steel. During the machining process close tolerances and smooth surface finishes are maintained. Two critical factors for achieving correct fit and torque. After machining, the nuts are heat treated to a specific depth. This creates hard, wear resistant working surfaces, while retaining a ductile core to prevent cracking under load. The premium black oxide treatment provides excellent corrosion resistance and appearance.

**IMPORTANT NOTE / CYLINDER HEAD MODIFICATION REQUIRED:** The OEM cylinder studs have a reduced diameter body and upper thread. This thin section stud can be inadequate when pushed to the limit in maximum performance applications. These KPMI® Black Diamond™ studs feature a 12mm diameter for the entire stud, providing maximum clamping force for extreme duty and peace of mind. A simple drilling operation with a 1/2" drill bit is required to modify the cylinder head.

Contact a KPMI® Sales Representative Today!

650-557-2046, Ext. 802

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