



NEW PRODUCT

December 17, 2021



82-83500



82-83550



41011-4

POLARIS

H.T. Steel Cylinder Stud Kits

Applications		Polaris®						
Years		2012-2015						
Models		RZR™/ Sportsman™/ Ranger™ 570's						
	KPMI P/N	Body Dia.		O. L. "C"		A	B	Remarks
	82-83500	0.358"		6.990"		1.60"	1.00"	Standard
	Kit Includes	4	H.T. Steel Studs		4	H.T. Steel Nuts		4
Retail				\$97.66				

Applications	Polaris®	Polaris®	Polaris®	Polaris®	Polaris®	Polaris®
Years	2011-2012	2013-2014	2013-2019	2015-2022	2014	2018-2022
Models	RZR™ XP900	RZR™ XP900	Ranger™ 900 XP	RZR™ 900	RZR™ XP1000	RZR™ RS1
Applications	Polaris®		Polaris®		Polaris®	
Years	2015-2022		2016-2022		2016-2022	
Models	RZR™ XP1000 (&S/XP/Trail S)		RZR Turbo (&S) / XP Turbo (&S)		General 1000 (&XP)	
Note	Also compatible with: 2016-2020 ACE900 & General 1000 (except diesel)					

	KPMI P/N	Body Dia.		O. L. "C"		A	B	Remarks
	82-83550	0.358"		6.990"		1.60"	1.00"	Standard
	Kit Includes	6	H.T. Steel Studs		6	H.T. Steel Nuts		6
Retail				\$138.53				

Cylinder Head Nuts

	KPMI P/N	Material	O. L.	F. D.	Thread	Quantity
	41011-4	H. T. Steel	0.470"	0.800	M11 x 1.25	Pkg. of 4
	Replacement nuts for Stud Kits, #82-83500 and #82-83550					
Retail				\$30.49		

- Each kit include studs, nuts and washers to replace the OEM bolt
- 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
- All studs, nuts and washers 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.

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