

Link do produktu: <https://bizongarage.pl/vis-motorsport-20-tsi-ea888-gen-2-hpfp-zestaw-tuningowy-p-36285.html>

VIS Motorsport - 2.0 TSI EA888 Gen 2 HPFP zestaw tuningowy



Cena brutto	1 868,90 zł
Cena netto	1 519,43 zł
Dostępność	Na zamówienie
Numer katalogowy	331469166
Kod producenta	RTMG-901-0594

Opis produktu

Modification of the 2.0 TSI EA888 Gen 2 engines far beyond OEM power levels requires an additional volume of high-pressure fuel in order to avoid "fuel cuts" especially in the midrange. In many cases we see the factory fuel pump begin to suffer from pressure loss. The limitation of how much volume of fuel the high pressure pump can flow is dependent upon the volume displaced by the pressurizing cylinder inside the pump. This upgrade replaces the internal parts that are responsible for pressure and volume of fuel that reaches your injectors to meet the demands that come for higher power. Tolerances involved, the final surface finish on the piston inside the fuel pump is so critical that it can be damaged by touching them with bare hands. The tolerances between the piston and the new sleeve the piston rides in can only be measured by a machine which uses air volumes to measure the part clearances to within microscopic levels. CMM coordinate measuring machine is a device for measuring the physical geometrical characteristics of an object and used here with success. It comes with fully detailed instructions including step by step fitting images including all necessary components and a detailed install sheet to get the job done. *For up to 600 - 650 hp Tech Facts Clearance At Top Of Piston 0.001-0.00015. Deviation Of Circularity Max 0.001Mm. 370-450Hb Before Rectification. Nitrided At Depth Of 0.15-0.25. Hardness Of Hv10-760- Kgf/Mm2 For Sleeve And Hv 50-56/1200-1400Kgf/Mm2 For Piston. Nitrided H13 Alloy/ 34Mocr11 /Rul 1Vb3 Or Rul1Vc2. Good Thermal And Shock Resistance Or Heat Cracking. Mechanical Characteristics And Thoghness In Hot Condition, Constant Hardness Throughout He Production Cycle. High Micro Purity-Level Suitable For Polishing. Tensile Strenght 1960Kgf/Mm2. Yeld Strenght 1570Kgf/Mm2. Pump Housing O Ring Viton.