

THREE ANGLED SLOT PROCESSING SYSTEM WITH CYLINDER HEAD VALVE SEAT REPAIR MACHINE

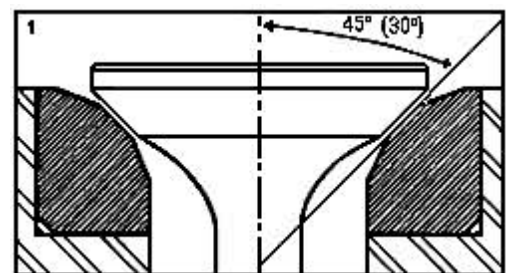
“Global, pressurised air supported, movable head”

Today's technology modernizes itself every passing day and new modern tools have been produced. As well as the other parts of these tools its engine gets more complicated too. Nowadays modern methods takes place and the old, traditional repairing systems left behind.

Cylinder tap which is a part of the motor is the most important element of this modernization process. Clack slot became the most important part of the engine today.

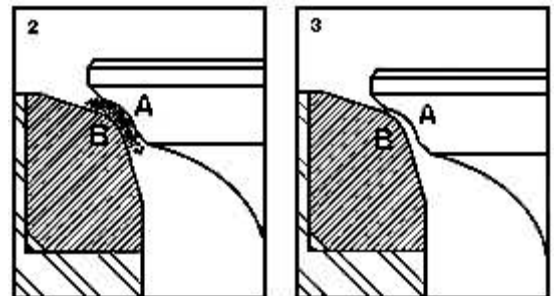
There are three functions of the clack slot:

- 1- Act like a seal between clack and slot surface.
- 2- To provide heat transfer of the clack
- 3- To provide fuel and air flow.



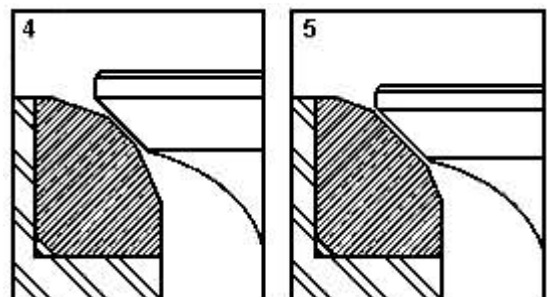
There are some remarkable points during the clack slot processing:

- 1- Smoothness of the slot angle (angle exantre)
- 2- Quality of the slot surface
- 3- Slot angles



“ Three Angled Cutting System” instead of the “Stone” In the Slot Processing:

As a result of the slot stoning process clack and slot surface contact with each other but this is an uncontrolled contact. Fuel and air flow fails and engine performance falls. Enough heat transfer can not be provided so engine is worn out.



“ Three Angled Slot Processing System”:

With the three angled slot cutting system slot will be processed in the quality which its original geometrical shape and technology requires. There is a perfect contact between the clack and slot surface. There are no needs to drill paste . The clack drill paste forms a layer between clack and slot to provide contact. The high heat during the process, causes this layer to break and to be crumbled between clack leg - clack seat and cylinder – piston ring and make them weared.

TECHNICAL SPECIFICATION OF THE VALVE SEAT AND GUIDE MACHINE:

Seat Diameter	: Min: 14 mm	Max 70 mm
Seat to Seat Max distance	: 1000mm	
Working mill back and forth distance:	100 mm	
Working mill up and down range	: 200 mm	
Working mill speed	: Min 40	Max 750
working mill left and Right tilt angle	: 5 degrees	
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Cylinder head fixing distance	: Min 50	Max 1060mm
Height	: 2050.mm	
Width	: 950.mm	
Weight	: 1150.Kg	
Pressure	: Min 6 , Max 8 bar	
Voltage	: 220V	
Motor Power	: 1,75 kw DC	
Speed	: 1200 rpm	
Torque	: 14.Nm.	

(stable torque value between 40 rpm and 1200 rpm speed)

Made in Ankara- Turkey



Distributed by Vira Otomotiv Ankara , Turkey, T: +90.312.386 03 99, F: +90.312.386 14 63
info@viraoto.com www.viraoto.com