

Title

Grinding-off limit of exhaust valve seat

Engine Type : K/L/S-MC(E)

Recently, clash accidents were reported between top of the piston ① and oil cylinder ② and between disc ③ for conical ring and disc ④ on oil cylinder. (Refer to the figure shown the following)

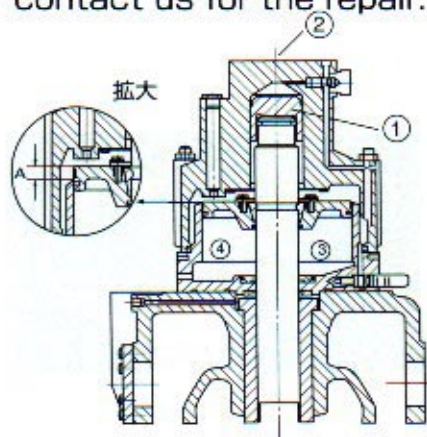
This mishap resulted from excessive grinding-off of the valve seats.

As well known, grinding-off limit is 2 mm for valve spindle seat and bottom piece seat, respectively (total 4 mm). (Refer to Instruction Book Vol. II, 908-2)

The excessive grinding-off leads to mishap as mentioned above, therefore it is absolutely necessary to measure "A" before re-assembling.

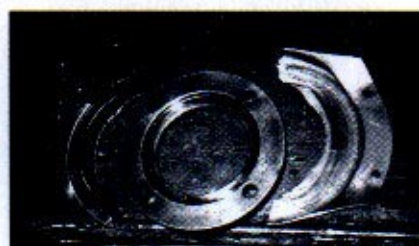
As for the maintenance procedure of exhaust valve and seat, our "SERVICE DATA HSD-B8505" is useful for you.

In case your valve seat are coming to the limit for grinding-off, don't hesitate to contact us for the repair.



	Distance "A"(mm)	
	Original	MAX
50MC(E)	1.3	5.0
60MC(E)	1.2	5.0
70MC(E)	2.0	5.5
80MC(E)	1.8	5.5

Broken disc on oil cylinder



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