

Ref. No.: HZDS97-06, Issued Date: Sep, 1997

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)

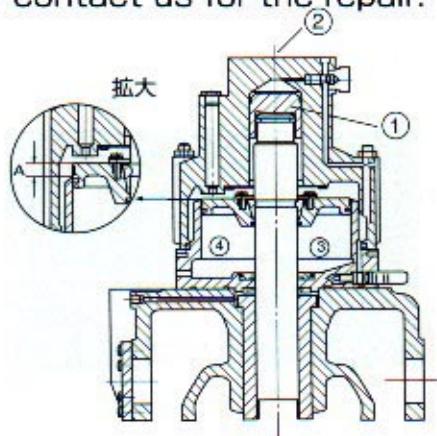
This mishap resulted from excessive grinding-off of the valve seats.

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.

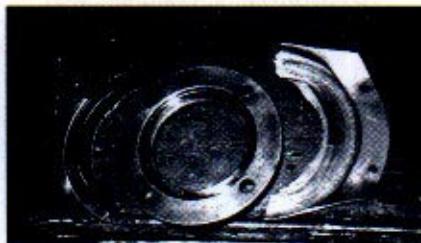
As for the maintenance procedure of exhaust valve and seat, our "SERVICE DATA HSD-B8505" is useful for you.

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



	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



Hitachi Zosen Diesel Service Corporation

Tokyo Office
Palace Side Bldg.
1-1-1, Hitotsubashi, Chiyoda-ku, Tokyo, 100 Japan
TEL : +81-3-3215-1722
FAX : +81-3-3217-8588
TLX : 222-2156

Osaka Office
2-3-81, Kizugawa, Naniwa-ku, Osaka 556 Japan
TEL : +81-6-562-3411
FAX : +81-6-562-2900
TLX : 524-2101

Singapore Office
15, Benoi Road, Singapore, 6298888
TEL : +65-863-1490
FAX : +65-861-7579
TLX : HZSIN RS 21906