

Mazda Familia Workshop Manual 1989-1994

CYLINDER BLOCK (INTERNAL PARTS)

1. Disassemble in the order shown in the figure, referring to **Disassembly Note**.



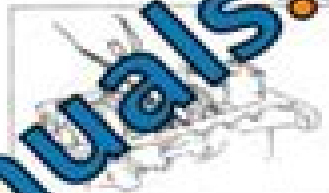
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Disassembly Note

Connecting rod cap

- Before removing the connecting rod cap, mark the connecting rod side clearance.



Connecting rod

- Before removing the connecting rods, measure the connecting rod oil clearance. (Refer to page B1-73.)

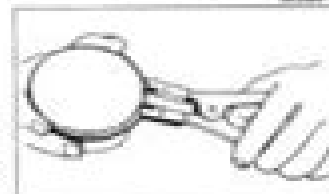


- Remove the Piston/pin from the crankpin journals.

Caution

- Do not scratch the crankshaft journal or the cylinder wall.

- Use the handle of a hammer to remove the piston and connecting rod assembly through the top of the cylinder block.

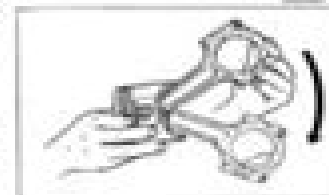


Piston ring

Caution

- Do not apply excessive tension, which may cause the rings to snap out.

- Remove the piston rings with a piston ring expander (both merely twisted).



Piston pin

Caution

- Mark the connecting rod direction for proper reassembly.

- Before disassembling the piston and connecting rod, check the oscillation torque as shown. If the large end does not drop by its own weight, replace the piston or the piston pin.



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Lingsheng Yao



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from changing a bulb to rebuilding the gearbox is described in full Besides detailed coverage of maintenance and repairs this manual includes advice on rustproofing cosmetic tuning and mechanical tuning Rod s manual was prepared with the assistance of Mazda and it applies to all 1 6 litre models built between 1989 and 1995 Most of the manual is relevant to later 1 6 litre models too

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