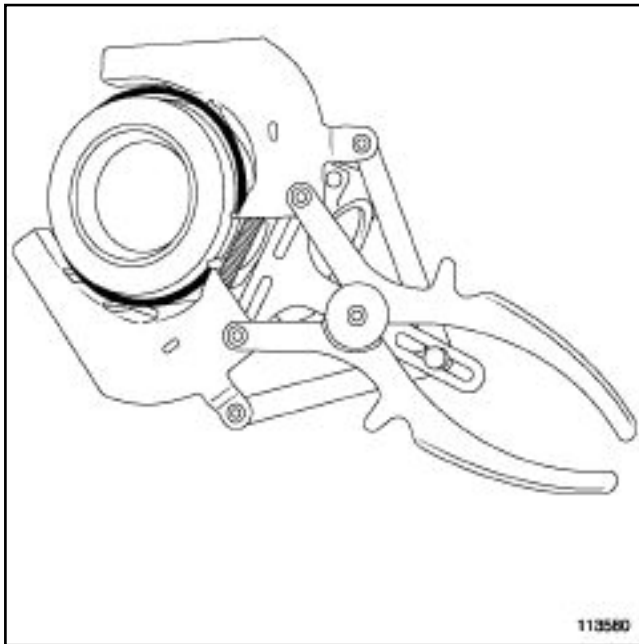
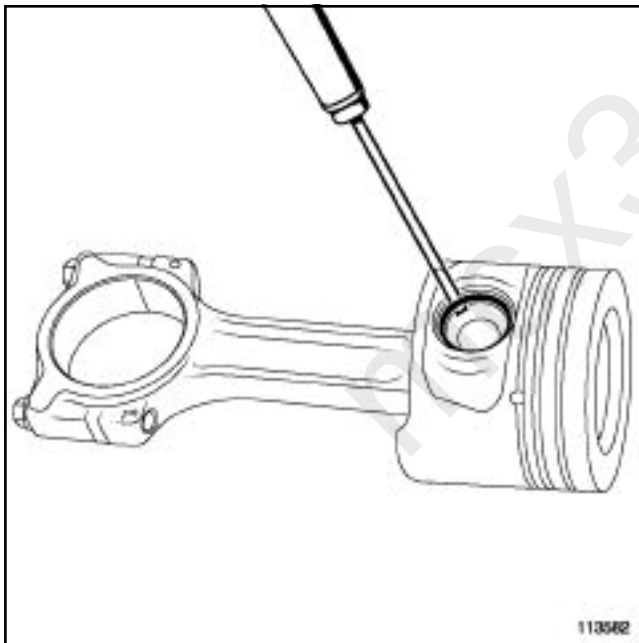




113580

Remove the piston rings using a piston ring compressor.



113582

Remove the circlip using a flat-blade screwdriver.

Mark the gudgeon pins in relation to the pistons using an indelible pencil.

Remove the gudgeon pin.

Special tooling required

Mot. 1485-01	Tool for removing piston coolers.
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Emb. 880	Pin extractor.
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I - RECOMMENDATIONS FOR REPAIR

IMPORTANT

Wear:

- goggles,
- protective gloves during the whole operation.

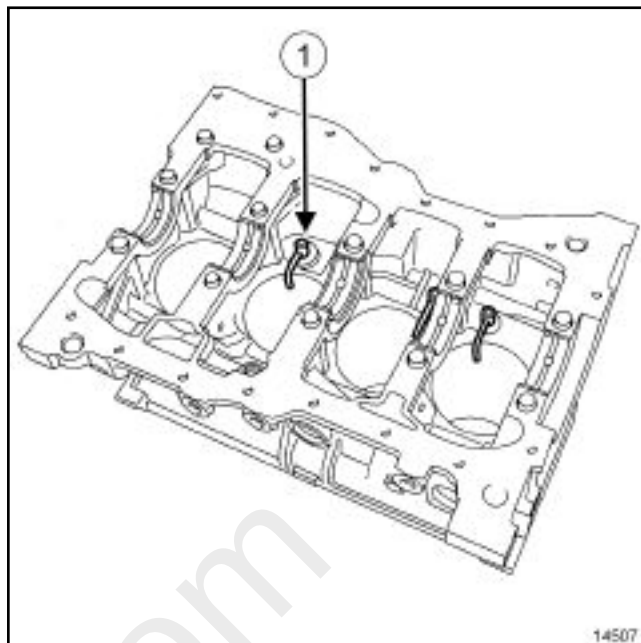
WARNING

Do not withdraw the ball of the piston base cooling nozzle, to prevent swarf falling into the oil circuit.

II - EQUIPMENT REQUIRED

- Drill bit **7 mm in diameter**
- Allen key (**6 mm**),
- Brush,
- Protective goggles,
- Compressed air gun.

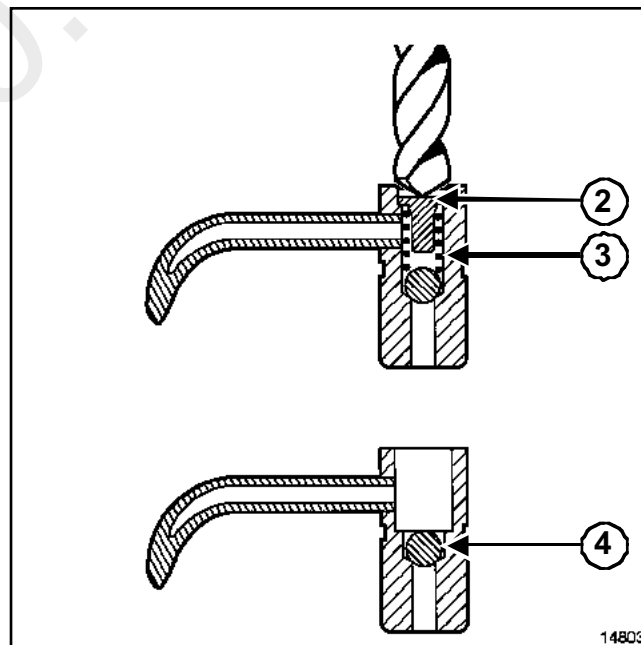
III - REMOVING THE PISTON BASE COOLING JETS



14507

14507

Drill the piston base cooling jets (1) using a **7 mm** diameter drill bit.



14803

14803

Note:

Do not remove the ball (4) .

Remove:

- the spring stop (2) ,
- the spring (3) .

Wear protective goggles.