



SERVICE LETTER

SL87-215/OES
April 1987

Piston for engine type T23LH, T23LH-2, T23LS, T23LS-2,
T23LH-4 and T23LS-4.

Dear Sirs,

For engine of the above mentioned types a new piston design in nodular cast iron has been introduced.

The new design is direct to identify by the piston ring package comprising 4 rings in contrast to the previous design, which comprised 5 rings.

See enclosed TECHNICAL INFORMATION 307-S1.

The new 4-ring piston fully replaces the previous 5-ring piston.

It is acceptable to run an engine with any combination of previous and new piston design.

Consequently spare part orders will be met with the new 4-ring piston design.

Plate/Item Nos. 30701-17H-1454.

The spare part delivery will also include the new designed taper faced ring with inner step to be used in groove No. 3.

The taper faced ring with inner step can be separately ordered with Plate/Item reference 30701-17H/1909.

We recommend to use TECHNICAL INFORMATION 307-S1 as supplement to section 307 in the engine instruction book.

Yours faithfully

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HOLEBY
GENERATING SETS

TECHNICAL INFORMATION

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ENGINE TYPE 23L - PISTON WITH 4 RINGS. NEW DESIGN

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Piston for engine type T23LH, T23LH-2, T23LS, T23LS-2, T23LH-4 and T23LS-4.

For engine type T23L-2 and -4 a new piston design in nodular cast iron has been introduced to production engines.

The new piston fully replaces the previous piston design.
Consequently orders for pistons as spare parts for engines in service will be met with the new piston design.

Plate/item Nos. 30701-17H/1454 including ring No. 3.

It is acceptable to run an engine with any combination of previous and new piston design.

For the new piston design following ring package is used:

Ring No. 1 (top ring) : Plain compression ring
chrome-plated.

Ring No. 2 : Plain compression ring.

Ring No. 3 : Taper-faced ring with
inner step.

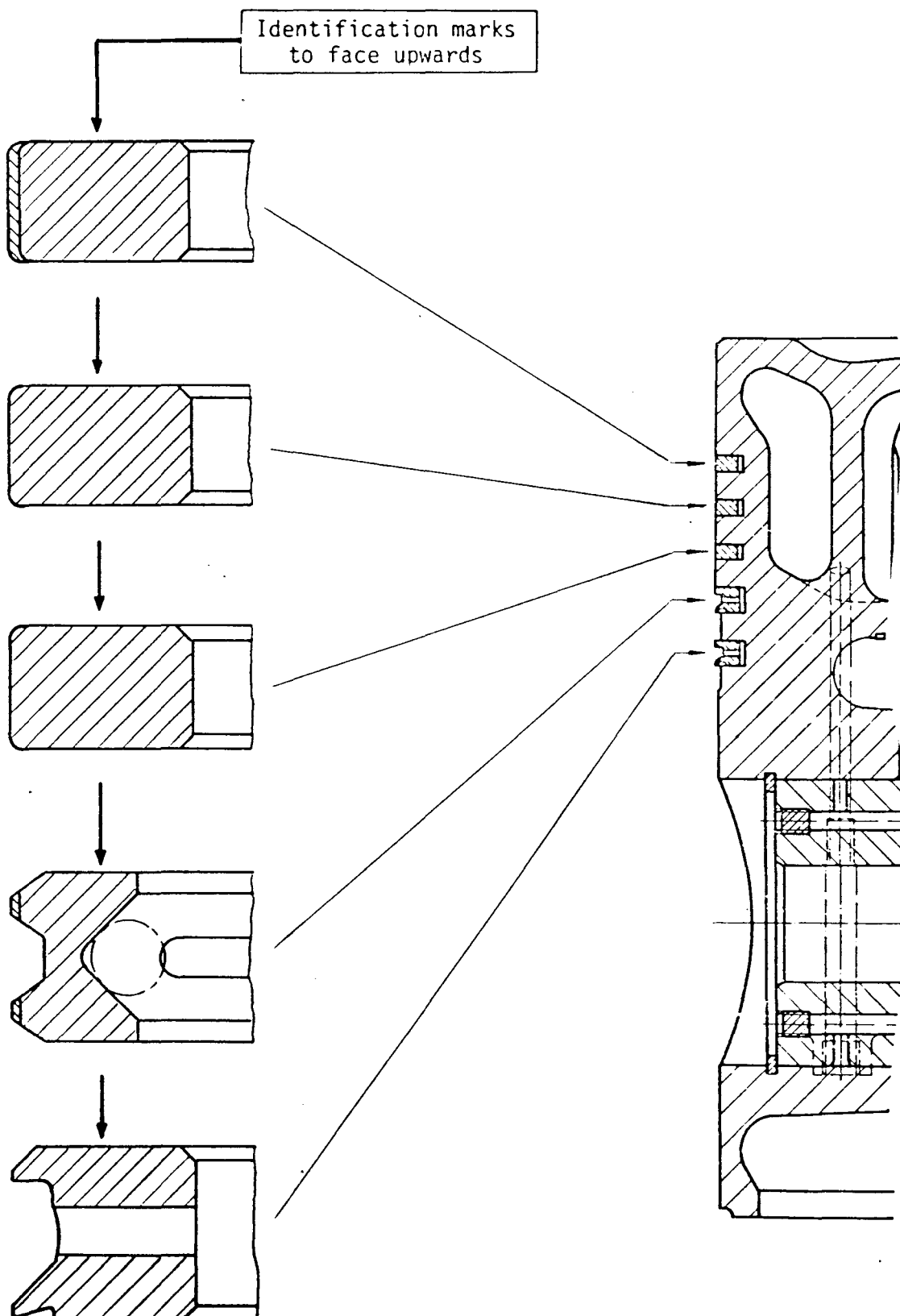
Ring No. 4 : Coil-spring loaded
oil control ring.

The rings No. 1, 2 and 4 are similar to those used in the previous 5-ring piston design.

Ring No. 3 (taper faced with inner step) is of a new design with function as compression ring and oil control ring as well. It can be separately ordered with plate/item reference 30701-17H/1909.

Please observe that in order to ensure correct function of the piston ring pack it is important to install the piston rings in correct order.
Furthermore, each of the rings must be filled in correct direction concerning the profile and the running surface.

Correct direction is characterized by the identification mark, stamped into the rings close to the ring gap, is facing upwards.



TECHNICAL INFORMATION

307-S1

ENGINE TYPE 23L - PISTON WITH 4 RINGS. NEW DESIGN

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