

YANMAR SERVICE NEWS

Subject	Timing of Replacing Piston Rings Rev.1: Additional Engine Model (6N165, 6NY16,6EY18,6EY22,6/8EY26,6/8EY33)		Issue No. : 05-2-G-12-024 -L-Rev1 Date : December 2020
Engine Model	6N165,6NY16,6N18,6/8N21, 6EY18,6EY22,6/8EY26,6/8EY33	Use	Marine Main & Aux. Industrial
		Engine Nos.	_____

The moving faces and upper and lower faces of the piston rings of the engine models above are chrome plated for raising wear resistance. If this chrome plating layer is worn out, the wear of piston rings and ring grooves will progress rapidly. In order to prevent such failure, we would like to advise you of the appropriate timing for replacing the piston rings by way of precaution.

1. Recommended Timing for Replacing Piston Rings

We recommend that you would replace all piston rings upon the advent of the periodic maintenance opportunity for extracting and servicing the piston.

Concerning the engines operated on heavy fuel oil in particular, the plating layer of the rings can wear easily due to combustion residues and the plating will be worn out before the advent of the following maintenance timing of the piston. Accordingly, we recommend that you will replace the piston rings for sure even when the ring wear fell within the allowable wear range.

Caution

If piston rings were not replaced at an appropriate timing and the chrome plating of piston rings disappeared during engine operation, ring grooves of the piston will wear rapidly, which may necessitate the replacement of piston itself.

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