



Dear Sirs and Mesdames

With SL2016-627 we introduced a 10 mm washer and longer installation bolts for the roller guide housing as a preventive measure to reduce the risk of incidents caused by insufficient tightening of the installation bolts. A few roller guide housing incidents have been reported even after introduction of the above-mentioned washer and bolt update. In the majority of the cases, the incident occurs on new engines relatively short time after the engines are put in service.

During operation, the roller guide housing is exposed to high dynamic forces causing some relative movement between the gaskets and the housing. This movement may in some cases form wear on the gasket surface, and thus the clamp force on the installation bolts may be reduced with the following risk of a roller guide housing incident. Variation in the quality of the applied paper gasket may also influence the above-mentioned situation. We have, however, not been able to pinpoint the exact root cause of the incidents.

As a precautionary measure against incidents on new engines, we have updated our standard design by replacing the paper gasket with liquid gasket Loctite 5699. We attach the updated plate P50801-20 in which the gasket, item 232, has been replaced with glue (Loctite 5699).

Furthermore, we recommend operators to replace the presently installed gasket, shown in Fig. 1, with Loctite 5699, shown in Fig. 2, at the first convenient opportunity, for example at next major overhaul of the GenSet. For the tightening torque, Molykote is added as grease for the roller guide housing installation bolts, whereas the tightening torque remains unchanged at 60 Nm.

As a preventive measure until the above new gasket material has been introduced, we recommend to retighten the roller guide housing every 1000 running hours.

Yours faithfully

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Action code: **WHEN CONVENIENT**

New Gasket Material for Roller Guide Housing

SL2017-648/JNN
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Concerns

Owners and operators of
MAN four-stroke diesel engines.

Type:

Marine: L23/30H

Stationary: L23/30S

Attachment

Plate: P50801-20



Paper gasket



New gasket type

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