

SERVICE BULLETIN

Important - Avoid Cam Shaft Failures

DATE: AUGUST 2002

SERVICE BULLETIN #235

MODELS: UNIVERSAL M25XPB, M25XPBC, M35B AND M35BC

SUBJECT: CAM SHAFT DRIVE TANG REINFORCING SLEEVE

Random reports have been received from the field related to the failure of the sea water pump drive tang on the cam shafts of early Model "B" Series *UNIVERSALS* listed above.

These failures are related to early production models and it has been found that the sea water pump drive tang reinforcing sleeve had not been installed.

Production models with a manufacturing date code of E001 (January 2000) and older are suspect.

Owner/operators are advised to immediately remove the sea water pump off the front gear case of their engine and inspect the cam shaft sea water pump drive end to make sure it has this reinforcing sleeve. The illustrations show the cam shaft end with and without the reinforcing sleeve.

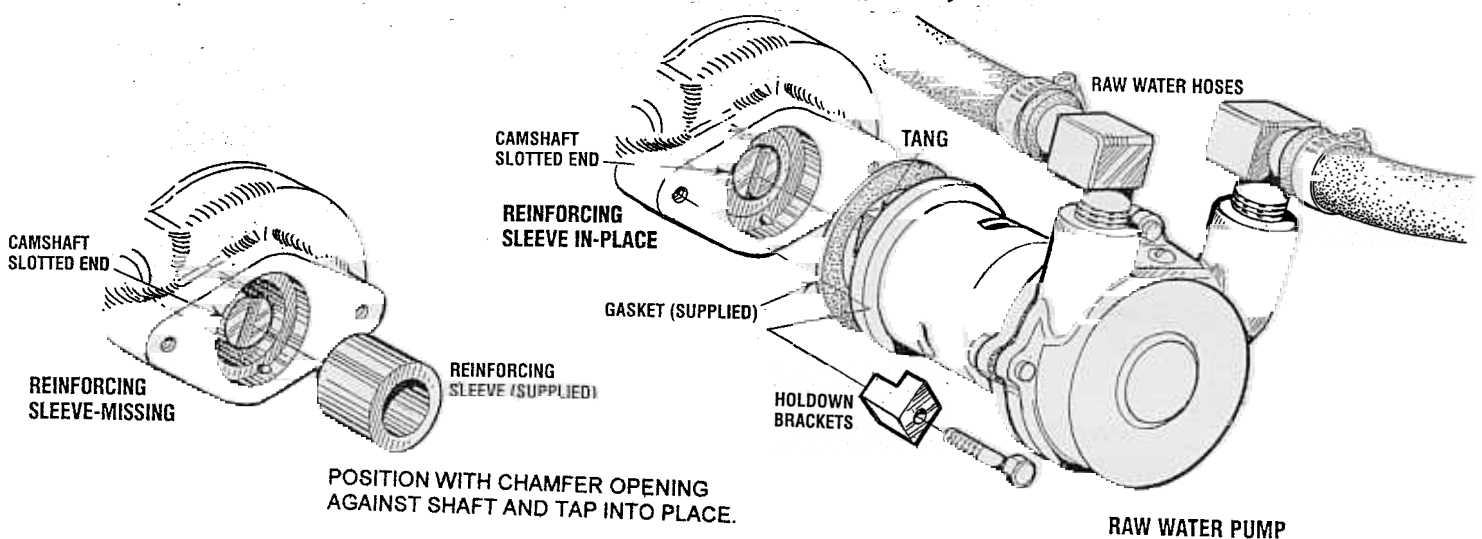
If the reinforcing sleeve is not present, contact the *WESTERBEKE CORPORATION* immediately at 508(823-7677 or email us at help@westerbeke.com referencing this Service Bulletin #235 and a sleeve and sea water pump mounting gasket will be sent at no charge. Please have the serial number of your engine available when making this request.

The reinforcing sleeve is easily installed as it is just a slight force fit fully over the sea water pump drive end of the cam shaft. Position the reinforcing sleeve squarely onto the end of the cam shaft and gently tap/push it fully onto the shaft end so it is flush with the end of the shaft.

Reinstall the sea water pump using the replacement mounting gasket supplied with the reinforcing sleeve.

This bulletin, along with a reinforcing sleeve and sea water pump mounting gasket, have been sent to all registered *UNIVERSAL* owners on record owning models listed manufactured prior to January 2000.

UNIVERSAL O.E.M. users of these models along with WESTERBEKE/UNIVERSAL Dealers are being sent copies of this bulletin and asked to pass this bulletin on to owners whose engines may be affected by it.



WESTERBEKE

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