MARINER OUTBOARDS

MERCURY OUTBOARDS

service bulletin

No. 91-14

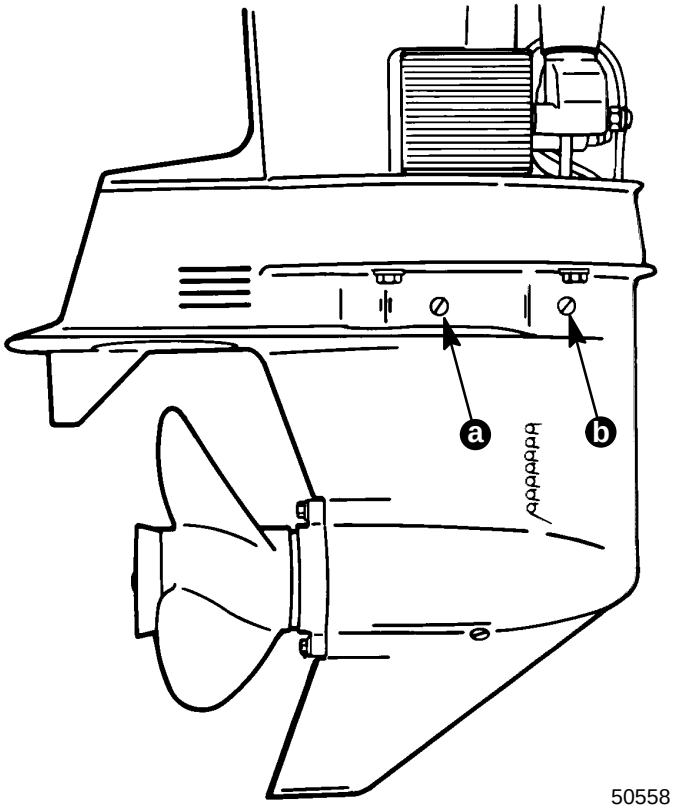
Relocation of Gear Housing Vent Hole – 1991 75 thru 115

Mariner and Mercury 75-115

Starting Serial number of change

US	s/n OD027991
Belgium	s/n 09655506

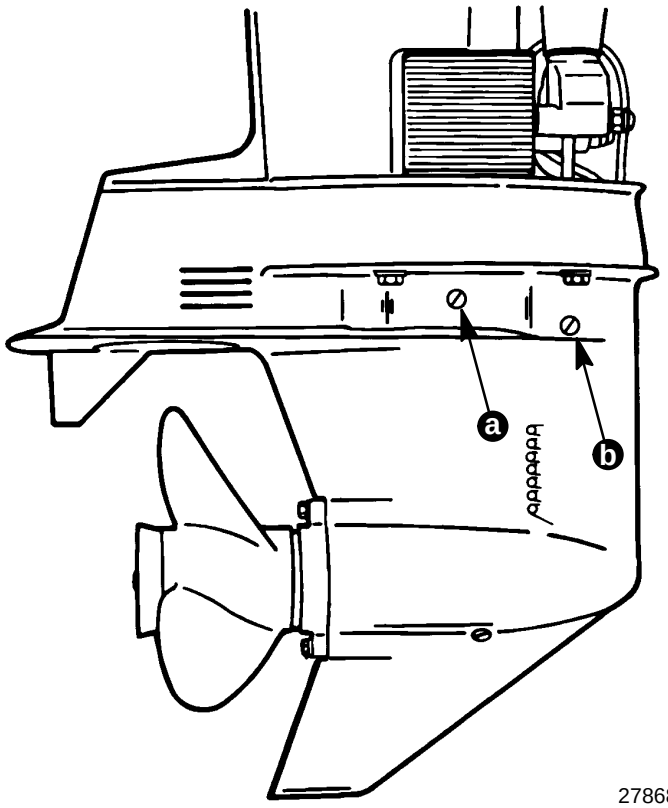
The gear housing forward vent hole on outboards listed has been lowered. Lowering the forward hole will allow for a wider range of acceptable lubricant level. Lubricant level can be as high as the rear upper vent hole and as low as the forward lower vent hole. Beginning production of the lowered front vent hole gear housing did not have that hole labeled. Later production has “OIL LEVEL” next to the forward vent hole.



50558

a - Rear Vent Hole Marked “VENT”
b - Forward Vent Hole Not Marked

Figure 1. Previous Gear Housing with Vent Holes At the Same Level



27868

a - Rear “VENT” Hole
b - Forward “OIL LEVEL” Vent Hole

Figure 2. New Gear Housing

SERVICE TIP:

FILL – Remove the fill, forward vent and rear vent plugs. Inspect and replace the plug gaskets if necessary. Always fill the gear housing from the bottom fill hole. Fill the gear housing until some lubricant runs out of the forward vent hole and install the forward vent plug and gasket. Continue to fill until the lubricant runs out of the rear vent hole and install the vent plug and gasket. Remove the lubricant applicator from the fill hole and install the fill plug and gasket.

LEVEL CHECK – Remove the forward vent plug. Lubricant should run from the hole. If it does not, perform the fill procedure.

CAPACITY – The lubricant capacity is approximately 24 fl. oz. (710 ml).

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