

# SERVICE BULLETIN

DATE: February 8, 1980

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MODEL: DS5, DS7, W-7

SUBJECT: Sea Water Pump Weep Hole

The transmission on the above model engine has mounted on it, above the output shaft, a sea water pump which supplies sea water to the engine or heat exchanger, for cooling purposes.

When performing daily engine checks, owners should pay particular attention to the weep holes just behind the sea water pump, which are visible on either side of the transmission. If there is any indication of sea water coming out of these weep holes, owners must remove the sea water pump and replace the seal (P.N. 16663) between the pump and the weep holes.

Ensure that these weep holes are not obstructed in any way by rust or scale build-up.

Failure to replace the seal when leakage is found at these weep holes will eventually lead to sea water entering the transmission.

Note: Leakage from these weep holes can also be caused by a blockage in the sea water flow through the engine or heat exchanger cooling circuit.

Please see diagram on overleaf.

