

Chris Craft

Service BULLETIN

Bulletin: E-153

Date: April 1, 1965

Subject: HYDRAULIC REVERSE GEAR - BREATHER MODIFICATION

It has been called to our attention that on some of the Paragon Hydraulic Reverse Gears there is a tendency for an oil film to accumulate in the area of the breather due to a small amount of oil, in the form of vapor, escaping from the gear by way of the breather. Reduction gear engines, which are installed at high angles, have been found to develop this condition more often than other engine installations. Oil vapor leaving the gear by way of the breather is not harmful to the gear in any way but in some cases it may be undesirable to the boat owner. If you should receive any reports from boat owners who may have encountered this situation, we suggest the following method for reducing this condition.

HYDRAULIC REVERSE GEAR BREATHER MODIFICATION

1. Remove the breather cap from the top of the reverse gear.
2. Screw a #16. 58-40005 std. elbow 3/8 M. P. T. x 3/8 F. P. T. into the reverse gear at the point where the breather was removed. (Turn the elbow so that the open end faces the port side of the engine.)
3. Screw another #16. 58-40005 std. elbow 3/8 M. P. T. x 3/8 F. P. T. into the elbow that was just assembled and turn it so that the open end faces up.
4. Into the above elbow assemble a #16. 20-06456 baffle, then assemble the breather cap into the baffle.

The following parts are necessary in order to make the hydraulic reverse gear modification described above and are available from the Chris Craft Parts Department, Algonac, Michigan.

<u>PART NO.</u>	<u>NO. REQ'D</u>	<u>DESCRIPTION</u>
16. 58-40005	2	Elbow Standard 3/8 M. P. T. x 3/8 F. P. T.
16. 20-06456	1	Baffle

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SERVICE DEPARTMENT