service bulletin

NUMBER: 80-12 DATE: 6/6/80

CIRCULATE TO: SERVICE MANAGER PARTS MANAGER MECHAN**ICS**

CORROSION TROUBLESHOOTING

MERCURY

-OUTBOARDS

(Attach Bulletin Reference Sticker to Section I Index Page of Your Service Manuals.)

The first signs of corrosion are paint blistering (starting on sharp edges) below the water line with white corrosion products forming on these exposed metal areas. As the corrosion becomes more advanced, the exposed metal areas start eroding away, thus causing pitting of the metal.

If these signs appear on the underwater parts of the drive unit, use the following troubleshooting chart to help find cause of corrosion and its remedy.

IMPORTANT: Paint blistering and white corrosion products, that form on sharp edges below the water line, should not be confused with calcareous (calcium carbonate) deposits which usually form <u>uniformly</u> over the <u>entire surface</u> (painted and unpainted) when the unit is receiving adequate cathodic protection. The deposits are related in part to the calcium and magnesium concentration levels in the water.





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