

TO: SERVICE MANAGER TECHNICIANS
PARTS MANAGER

No. 90-14

Possible Cause for Engine Overheating

Models

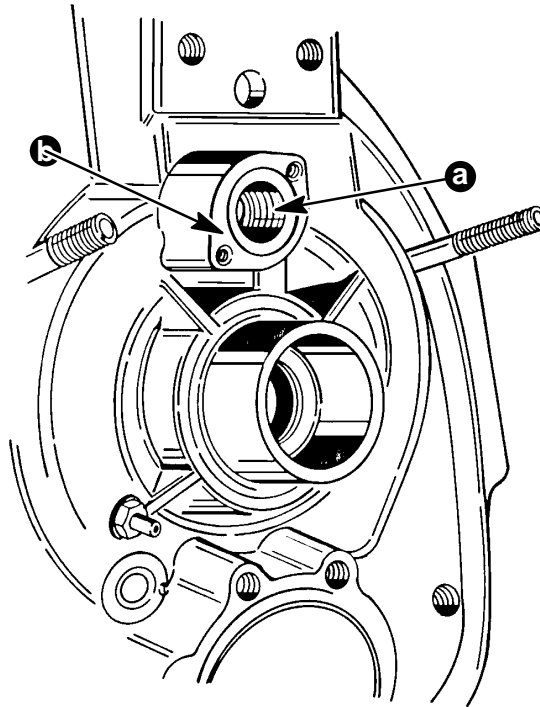
All Bravo Stern Drive Engines (Gasoline or Diesel)
Serial Number: All

Problem

NOTE: This problem usually occurs in saltwater areas only. If you are having an engine overheating condition that you can't solve, please check the following as a possible cause.

Inspect

Remove engine water inlet fitting from the gimbal housing. Inspect tapered insert and water hose (a) to see if they have collapsed. If these parts have collapsed, reduced water flow will be supplied to the engine.



22080

Parts Required

Water Hose: 32-43437
Insert: 41674 (2 required)
Gasket, inlet fitting: 27-44108
Approved sealant: see below

Repair

Follow repair procedure as outlined in Section 4A of Number 11 MerCruiser Service Manual. Clean all salt deposits out of water hose cavity in gimbal housing.

Install hose so that it is 1/16 in. (2mm) from machined surface (b) on gimbal housing. Install insert.

IMPORTANT: Make sure hose is not twisted or kinked after installing insert.

To keep saltwater from getting between the hose and housing, apply a 1/16 in. (2mm) bead of approved sealer around the hose's edge and housing cast hole. Don't get any sealer on machined surface (for water inlet fitting). Follow direction on approved sealant for curing time.

Approved Sealant

USA and Canada: Contact company directly.

Outside of USA and Canada: Life Industries Corp. exports sealant and they have distributors in some countries. Contact them directly for information.

Life Industries Corp.
205 Sweet Hollow Road
Old Bethpage, NY 11804
Telephone: (516) 454-0055
Fax: (516) 454-0452
Product: "Life Seal[®]" by Boatlife[®]

Or any other sealer that will not lose its bonding power when seawater is present.