

WARRANTY INFORMATION SERVICE INFORMATION

## HP 575 SCi Dual Idle Air Control Kit

### Models

Any MerCruiser Hi-Performance 575 SCi engine below serial number 0M052847, but in particular a single IAC equipped 575 SCi engine mated to a VI Drive or a Bravo 1.26:1 or 1.35:1 ratio drive.

### Situation

**Symptom:** The engine falls below and will not maintain 750 rpm idle in gear. On multi engine boats, one or more engines cannot maintain 750 rpm idle in gear with all engines idling in gear.

### PRELIMINARY CHECKS

With the Digital Diagnostic Tester (DDT), check the Idle Air Control (IAC) reading. Normal idle readings in neutral are between 5-20 counts. Refer to Mercury Racing Service Bulletin 2000-1 if counts are out of range for corrections. Also check the following:

- On multi engine boats, ensure that all engines are running and in gear when checking each engine. IAC readings will be above normal if one engine is providing all of the thrust for a multi engine boat.
- Check that the throttle stop screw is correctly adjusted. See Mercury Racing Service Bulletin 2000-4.
- Check ignition timing at idle. See Mercury Racing Service Bulletin 2000-1.

### Correction

Contact the Mercury Racing Service Department for the procedure to get the engine ECM reprogrammed and a Dual IAC kit ordered.

Phone: 920-924-2088

Fax: 920-924-2096

Address: Mercury Racing Service Dept.

Attn.: 2001-04 Service Bulletin

N7480 County Rd. UU

Fond du Lac, WI 54935

### KIT INSTALLATION NOTE

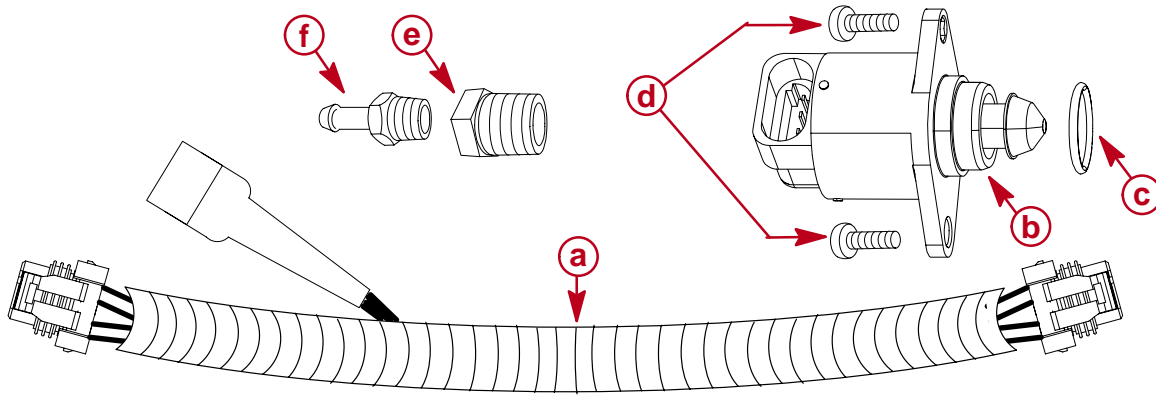
**NOTE:** Fuel droplets may appear in the fuel pump sight tube after kit installation. This is a result of a small amount of fuel being drawn into the hose from the throttle body adapter plate side of the hose and should not be diagnosed as a fuel pump diaphragm rupture.

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## Parts Required

1. Dual IAC kit Part Number 805224A2
2. Reprogrammed ECM (not included with kit)

## KIT COMPONENTS



- a** - Adapter Harness
- b** - IAC Motor
- c** - O-ring
- d** - Screws (2)
- e** - Reducer Bushing
- f** - Fuel Line Fitting

## Warranty

**Kits will not be available after January 1, 2003.**

Contact the Mercury Racing Service Department to see if your engine fits within the guidelines for warranty coverage.

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**IMPORTANT: ECMs being returned to Mercury Racing should have a tag (DO NOT USE TAPE OR WRITE DIRECTLY ON THE ECM) attached with the following information :**

- Engine Serial Number
- Dealer number
- Return address.