



# Service Bulletin

Bulletin No. 2007-61  
CMD 2007-01

Circulate to:  Sales Manager  Accounting  Service Manager  Technician  Parts Manager

## 7.3 Liter Aftercooler Change and Affected Parts

### Models Affected

Sterndrive Models Covered	Engine Model Number	Year
7.3L D-Tronic	473B116KD	1997
7.3L D-Tronic	4D7201ELD	1998
7.3L Bravo	4D72010LD	
7.3L ES 300	4D72010M1	
7.3L D-Tronic	4D7211ELD	

### Situation

The engine manufacturer changed the core shape of the aftercooler from square to round, increasing the overall dimensions of the housing. This change reduced the clearance between the aftercooler and intake manifold, resulting in a need for a new engine wiring harness and new valve cover gaskets.

### Correction

When the new aftercooler was released, a new engine wiring harness and valve cover gaskets with integrated injector and glow plug harness connection was also released. The new engine harness and valve cover gaskets have a single harness connector. (The old set had dual harness connectors.)

When ordering a new aftercooler (with a round core) to replace a square aftercooler on an engine that has dual connection valve cover gaskets, you must also order and install a new engine harness and valve cover gaskets.

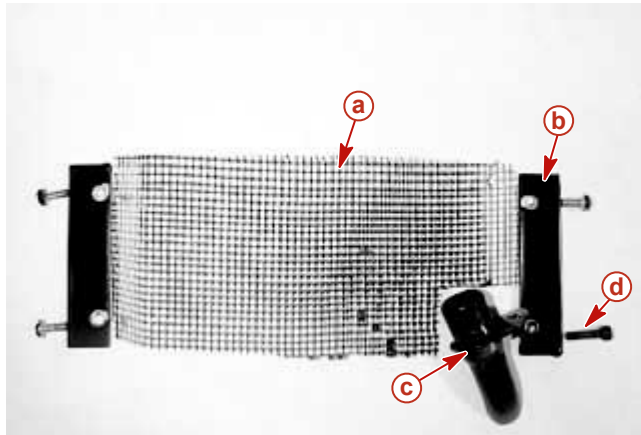
Before discarding the old aftercooler housing, remove the following components and transfer them to the new housing (see photo):

- 1 mesh screen
- 2 screen brackets
- 1 tube with clamp

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

- 4 self-tapping screws



**a** - Mesh screen  
**b** - Screen bracket

**c** - Tube with clamp  
**d** - Self-tapping screw

## Parts List

Qty.	Description	Part Number
1	Aftercooler	864172A3
1	Injector and glow plug harness	84-899753
2	Valve cover gasket	27-898271

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.