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Supercharger End Cap Kit 200/225/250/275 Verado

Models Affected

Models Covered	Serial Number
Model Year 2005 200/225/250/275 Verado	USA 0T980000 through 0T997973 and 1B012891 through 1B226999

Situation

Mercury Marine has received reports of a supercharger rattle on some 2005 Model Year 200/225/250/275 Verado product. The supercharger noise or rattle is generated from worn nylon bushings located between the input drive pins and the supercharger driven gear. Mercury Marine has released a supercharger end cap kit to be used as a service replacement part on the above listed Verado outboards. This new kit should be used to correct any 2005 Model Year supercharger rattle, which is audible between 1000 and 1300 RPM with the top cowl installed. With the installation of this kit, these bushings will be upgraded to PEEK material as used on 2006 and newer Verado product. In addition to the bushing upgrade, the 2006 and newer Verado supercharger vent system has been added to this kit which optimizes the oil flow through the unit for improved supercharger cooling.

Correction

1. Verify that the supercharger noise or rattle is audible when the engine is running between 1000 and 1300 RPM with the top cowl installed.
2. Turn off the engine and remove the accessory (supercharger) drive belt. Restart the engine and verify that the supercharger noise or rattle is gone. If the noise is still audible, it is not coming from the supercharger and the source of the noise is elsewhere.
3. If the noise or rattle is determined to be the supercharger bushings, install the supercharger end cap kit as outlined in the supplied installation instructions. Do not replace the supercharger assembly.

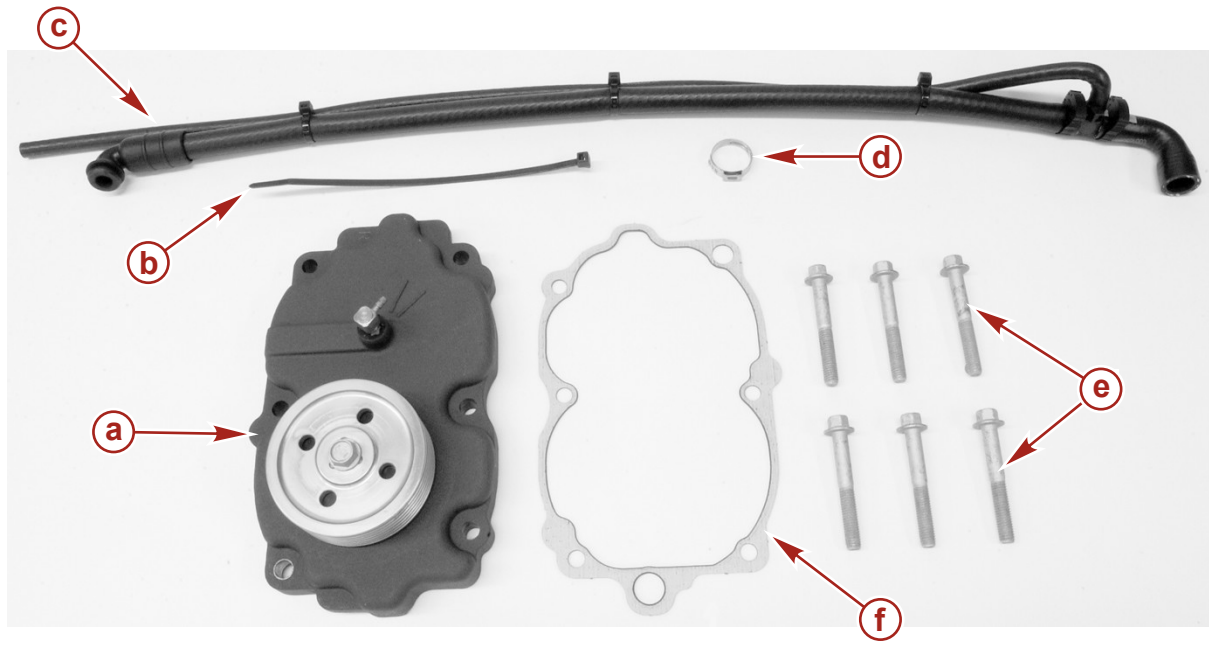
Parts Required

Qty.	Description	Part Number
1	Supercharger end cap kit (2005 Model Year 200/225/250/275 Verado)	888947A10

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COMPONENTS CONTAINED IN KIT



25676

Ref.	Qty.	Description	Part Number
a	1	Supercharger end cap	NSS
b	1	Cable tie (8 in.)	54-816311T
c	1	Breather hose assembly	32-889591A05
d	1	Clamp OT#16701041	54-888988019
e	6	Bolts	NSS
f	1	Gasket	NSS

Warranty

Mercury Marine will credit the dealer for the cost of parts and labor. Complete a warranty claim listing:

- Outboard serial number
- 0.7 hour labor
- Warranty Flat Rate Code: SB07
- Qty. 1 Supercharger End Cap Kit – Part Number 888947A10
- Part Code: 729
- Failure Code: 00

US AND CANADA

Complete/process the claim via MercNET or return a warranty claim form.

INTERNATIONAL

Follow instructions issued by Marine Power International office or by an authorized Marine Power Distributor.

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