

FORD:

2001-2005 Taurus
2001-2006 Escape

MERCURY:

2001-2005 Sable
2005-2006 Mariner

This article supersedes TSB **04-20-8** to update the vehicle model years and Service Procedure.

ISSUE

Some 2001-2005 Taurus/Sable, 2001-2006 Escape and 2005-2006 Mariner vehicles built prior to 1-17-2006 equipped with the 3.0L 4V Duratec engine may exhibit a ticking noise from the left bank cylinder head, with the engine at normal operating temperature only.

ACTION

To diagnose, with the engine running and warm (normal operation temperature), using a mechanic's stethoscope determine if the ticking noise is coming from the left hand intake camshaft at cylinder number 6, (Figure 1). If the ticking noise can be verified, refer to the following Service Procedure.

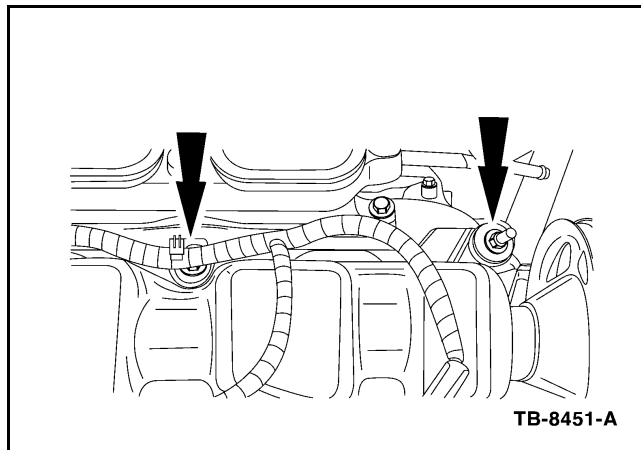


Figure 1 - Article 06-3-5

SERVICE PROCEDURE

1. Remove the left bank valve cover. Refer to Workshop Manual, Section 303-01B.
2. Rotate the engine clock wise until the cylinder number 6 intake cam lobes are pointing up and the valves are fully closed.

3. Remove all left hand intake cam caps individually and reinstall them finger tight.

NOTE

THE CAMSHAFT CAPS MUST BE COMPLETELY LIFTED OFF AND THEN SET BACK INTO POSITION. LOOSENING AND RE-TORQUEING CAP BOLTS IS NOT SUFFICIENT.

4. Torque bolts in sequence shown in Figure 2 to 72 lb-in (8 N•m) excluding cam cap number 8L camshaft cap.

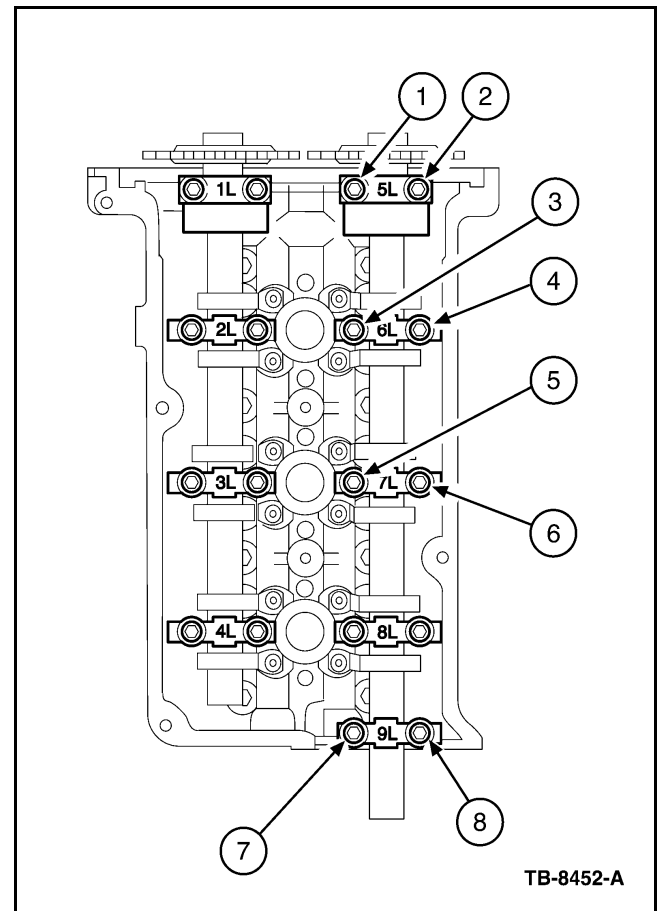


Figure 2 - Article 06-3-5

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

TSB 06-3-5 (Continued)

5. Using a screw driver positioned on each side of the top of cam cap number 8L (Figure 3) apply hand pressure and shift cam cap number 8L toward the exhaust side of the cylinder head.
6. While holding cam cap number 8L in the shifted position, torque the fasteners number 9 (inboard) first, to 72 lb-in (8 N•m) then torque fastener number 10 (Figure 3).

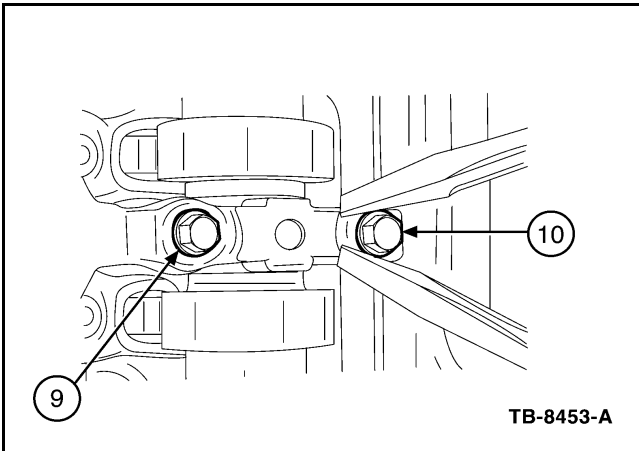


Figure 3 - Article 06-3-5

7. Install the left hand camshaft cover. Refer to appropriate Workshop Manual, Section 303-01.
8. Fully warm the engine to normal operating temperature to verify the repair.

WARRANTY STATUS: Eligible Under Provisions Of
New Vehicle Limited
Warranty Coverage

OPERATION	DESCRIPTION	TIME
060305A	2001-2003 Taurus/Sable: Remove And Install The Camshaft Caps Includes Time To Remove And Install Valve Cover (Do Not Use With 6007A10, 6250AL, 6584AL)	0.9 Hr.
060305A	2004-2005 Taurus/Sable:Remove And Install The Camshaft Caps Includes Time To Remove And Install Valve Cover (Do Not Use With 6007A10, 6250AL, 6584AL)	1.0 Hr.
060305A	2001-2006 Escape and 2005-2006 Mariner: Remove And Install The Camshaft Caps Includes Time To Remove And Install Valve Cover (Do Not Use With 6007A10, 6250AL, 6584AL)	1.2 Hrs.

DEALER CODING

BASIC PART NO.
6A267

CONDITION
CODE
07