

Engine Controls - Vacuum Leakage Noise Possible DTC's

[Notes](#)

TSB 08-12-4

06/23/08

3.0L - VACUUM LEAKAGE NOISE AND MIL ON WITH LEAN CODES

FORD:
2005 Taurus

LINCOLN:
2003-2005 Lincoln LS

MERCURY:
2005 Sable

ISSUE

Some 2005 Taurus and Sable vehicles equipped with a 3.0L 2V and some 2003-2005 Lincoln LS vehicles equipped with a 3.0L 4V engine may exhibit a vacuum leakage noise or lean codes and/or malfunction indicator lamp (MIL) on. The cause may be a leak at the O-ring on the intake manifold tuning (IMT) valve.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

Verify the concern by removing the IMT valve from the [intake manifold](#) and visually inspecting the O-ring condition. If the O-ring is flat or damaged, replace only the O-ring not the actuator.

For Lincoln LS, refer to the 2005 Workshop Manual (WSM), Section 303-14, IMT valve.

For Taurus vehicles, the IMT valve is located on right front of upper intake manifold:

1. Remove the two (2) retainers.
2. Disconnect the electrical connector.
3. Remove the IMT valve.

NOTE COAT THE IMT VALVE WITH CLEAN ENGINE OIL BEFORE INSTALLING IT IN THE [INTAKE MANIFOLD](#).

If the IMT valve O-ring is not the cause, continue with normal diagnosis.



PART NUMBER	PART NAME
87072-S91	O-Ring

Zoom

Sized for Print

Parts Block

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

IMPORTANT : Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
081204A	2005 Taurus, Sable 3.0L 2V : Replace The IMT Valve 0-ring, Includes Time To Remove And Install The IMT Valve (Do Not Use With 12650D)	0.5 Hr.
081204A	2003-2005 Lincoln LS 3.0L 4V: Replace The IMT Valve 0-ring, Includes Time To Remove And Install The IMT Valve, Cowl, Wiper Arms (Do Not Use With 12650D, 17526A)	0.8 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
9L490	D8