



Tech Note:

Un-metered air is possibly the #1 cause of false, recurring catalyst inefficiency codes. Fortunately, when the problem is resolved, and fuel trims return close to zero where they belong, often the catalytic converter(s) will have sustained no damage at all, and will perform as they should. They were simply not able to achieve their operating temperature due to a lean exhaust mixture, and no chemical reaction was taking place in the presence of the lean exhaust.

Jaguar has recognized one of many possible causes in the following bulletin:

XT303-13

DATE
06/04

X-TYPE

MODEL
2002 MY-ON
X-TYPE
VIN
C00001-ON

Hissing Noise/Driveability Issues -
DTC P017/1P0174 - Leaking IMT 0-ring -
IMT 0-ring Available Separately

Issue:

Some 2002 MY-ON X-TYPE vehicles may exhibit drivability/hesitation concerns. Customers may also complain about a hissing noise from under the hood. The concern may be caused by a vacuum leak from the 0-ring seal on the Intake Manifold Tuning (IMT) valve. The 0-ring is now available separately to avoid the need to replace the entire valve.

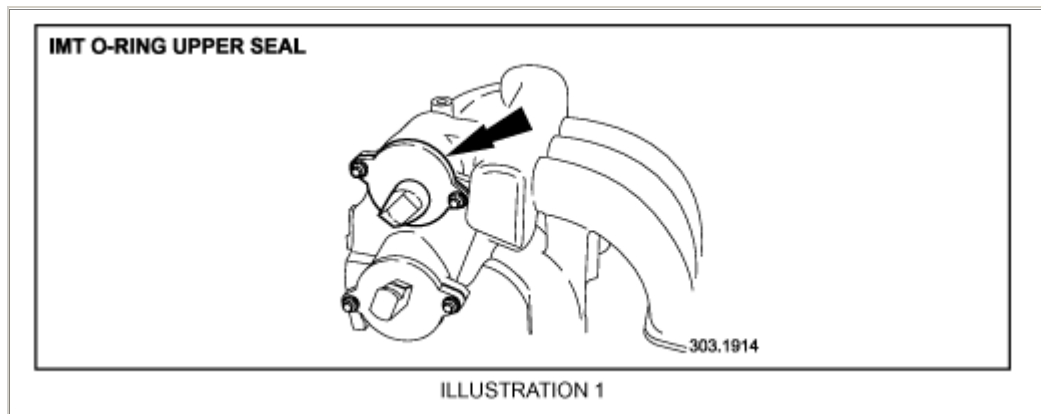
Action:

In case of a customer complaint of the above condition check whether the Intake Manifold Tuning (IMT) valve 0-ring seal has failed. If so, DO NOT replace the IMT valve since the 0-ring seal is now a serviceable item. Follow the workshop procedure outlined below.

WORKSHOP PROCEDURE

Installing a new upper IMT valve 0-ring seal.

1. Open hood and install fender protection covers.
2. Disconnect the IMT valve electrical connector and reposition harness.

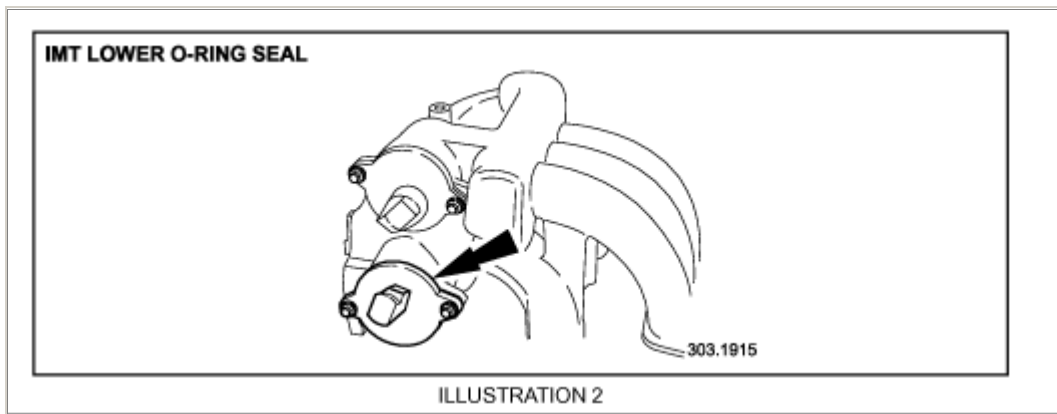


3. Remove the IMI valve securing bolts and displace and remove the IMI valve from the intake manifold. Remove and discard the 0-ring seal (Illustration 1).
4. Using suitable lubricant, lubricate a new 0-ring seal.
5. Install the new 0-ring seal to the IMT valve.
6. Install and align the IMT valve to the intake manifold.
7. Install and tighten the IMT valve securing bolts.
8. Reposition harness and connect the IMT valve electrical connector.

9. Remove fender protection covers and close hood.

Install a new lower IMT valve 0-ring seal

1. Open hood and install fender protection covers.
2. Disconnect battery (see Workshop Manual, section: 414-01).
3. Remove intake manifold (see Workshop Manual, section: 303-01, SR0 30.15.01).



4. Remove the lower IMT valve securing bolts and displace and remove the lower IMT valve from the intake manifold. Remove and discard the 0-ring seal (Illustration 2).
5. Using suitable lubricant, lubricate a new 0-ring seal.
6. Install the new 0-ring seal to the lower IMT valve.
7. Install and align the lower IMT valve to the intake manifold.
8. Install and tighten the lower IMT valve securing bolts.
9. Install the intake manifold (see Workshop Manual, section: 303-01, SRO 30.15.01).
10. Connect battery (see Workshop Manual, section: 414-01).
11. Remove fender protection covers and close hood.

DESCRIPTION	PART NUMBER	QTY
IMT valve O-ring seal - All	C2S 38334	As required
When replacing the lower IMT valve O-ring seal:		
Throttle body gasket - All	XR8 19852	1
Intake manifold gasket - Up to D55321	C2S 14519	6
Intake manifold gasket - From D55322	XR8 43536	6

Parts Information:

Warranty Information:

Description	SRO	Time	Causal Part Number
IMT valve O-ring seal renew	19.70.30	0.2 hrs.	C2S 38334
IMT valve lower O-ring seal renew	19.70.31	1.1 hrs.	C2S 38334

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

NOTE: THE INFORMATION IN TECHNICAL 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. CONTACT A JAGUAR RETAILER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.

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