

SUBJECT:
DTC P0171 SYSTEM TOO LEAN

No: **TSB-06-13-009**

DATE: **April, 2006**

MODEL: **2004-06 Lancer 2.0L**

CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

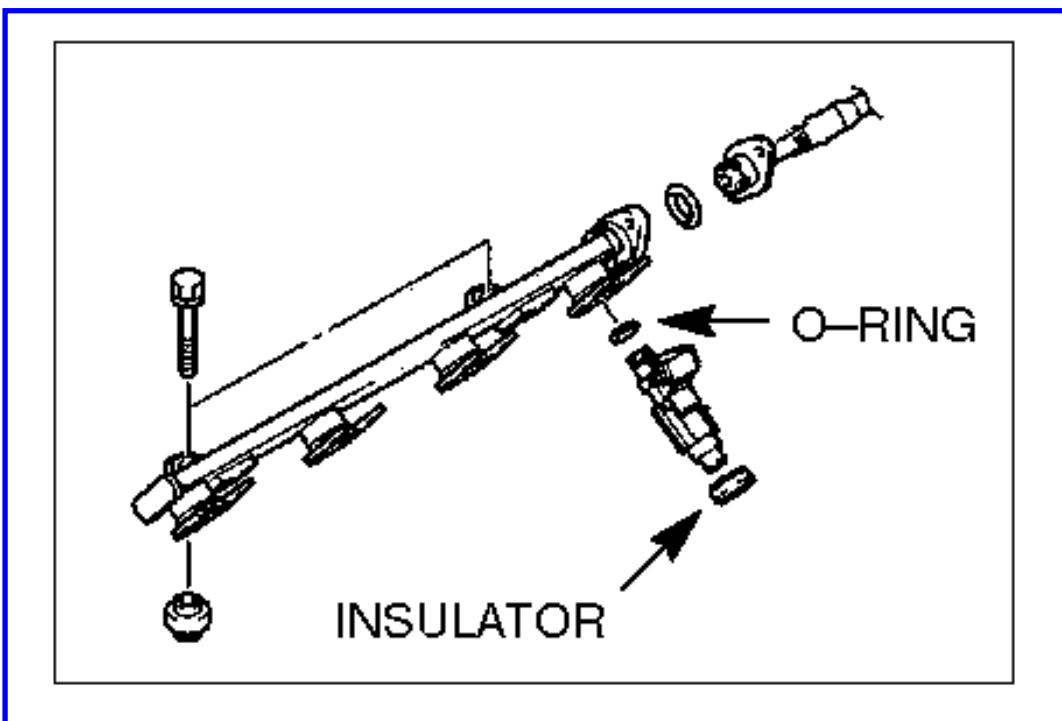
PURPOSE

The MIL may come on and DTC P0171 "System Too Lean" may set in the PCM. This condition may be due to vacuum leakage around a fuel injector insulator. To eliminate this condition, install a new, improved O-ring (listed in the PARTS INFORMATION section of this bulletin) on all fuel injectors. When installing the injectors, it is critical that there is no air leakage between the fuel injector and the insulator.

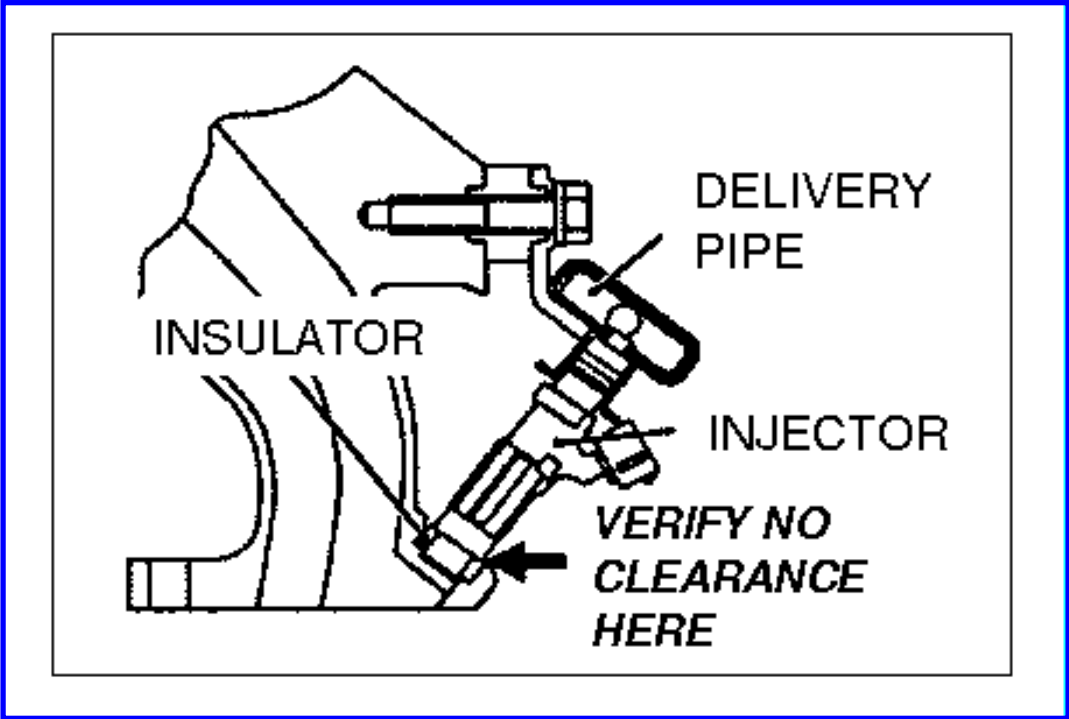
AFFECTED VEHICLES

2004-2006 Lancer models equipped with 2.0L engine

PROCEDURE



Replace the O-ring and insulator on all fuel injectors, using the parts listed below.



Verify that there is **no clearance between the insulator and the injector**. Install the injectors on the fuel rail.

After the fuel rail is installed on the engine, **be sure to press the injectors firmly down against the insulators**.

PARTS INFORMATION

Use the Genuine Mitsubishi Part listed below:

Description	Part Number
O-ring	1465A188
Insulator	MD087060

WARRANTY INFORMATION

Fuel Injector O-Ring & Insulator Replacement	
<i>Nature Code:</i> 16D	<i>Cause Code:</i> 450
<i>Labor Operation No.</i> 13311095	<i>Time Allowance:</i> 0.6 hr.
<i>Warranty Coverage:</i> Emissions warranty 8 years / 80,000 miles	
<i>Special Warranty Information:</i> Normal warranty procedures apply.	

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