

2001 Ford Mustang V6-3.8L VIN 4
Vehicle > Technical Service Bulletins

ENGINE - SPARK KNOCK ON LIGHT LOAD/ACCELERATION

TSB 07-16-17

08/20/07

SPARK KNOCK UNDER LIGHT LOAD AND
ACCELERATION - 3.8L, 3.9L, AND 4.2L - SPLIT PORT
INTAKE MANIFOLD RUNNER CONTROL (IMRC)

FORD:

2001-2004 Mustang
1996-2003 Windstar
1997-2003 E-150
1997-2008 F-150
2004-2007 Freestar

MERCURY:

2004-2007 Monterey

ISSUE

Various vehicles equipped with a 3.8L, 3.9L or 4.2L engine and Split Port IMRC may exhibit spark knock under light load and acceleration.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

Inspect for disconnected IMRC actuator rods.

1. Check both right hand and left hand side IMRC rods are properly attached to the actuator motor and intake manifold runner.
2. If the IMRC actuator rods are found to be connected properly, do not continue with this TSB. Refer to Powertrain Control/Emission Diagnosis Manual.
3. If any IMRC actuator rods are disconnected, refer to Workshop Manual (WSM), Section 303-14 for IMRC service.

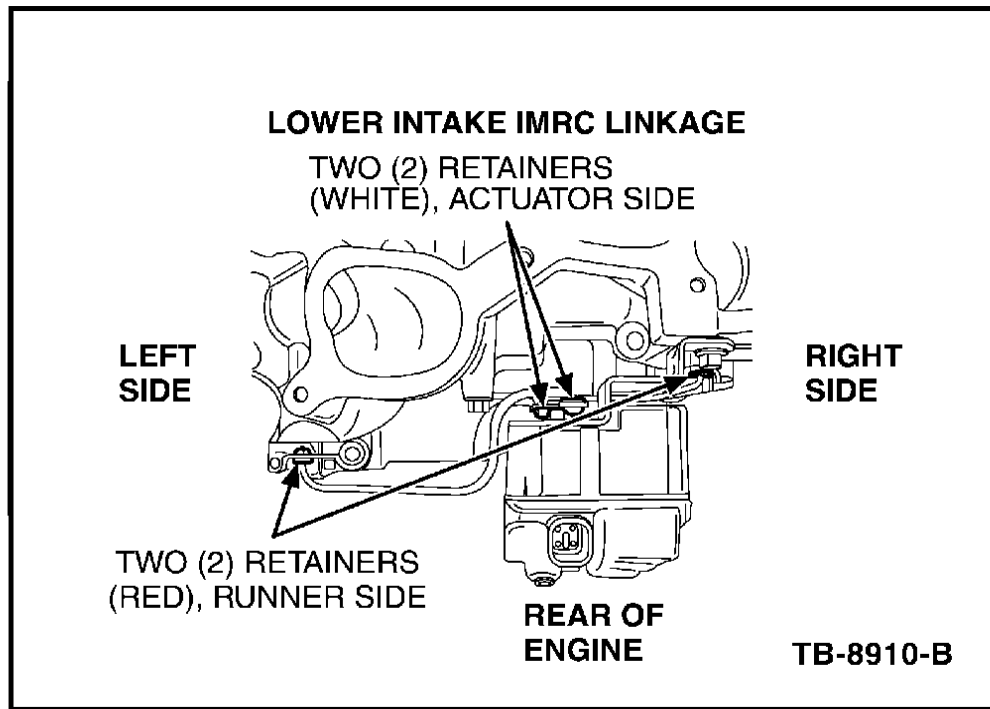


Figure 1

4. If any IMRC actuator rod linkages are found disconnected, replace all four (4) linkage rod retainers. (Figure 1)

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited 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 MT071617 Use SLTS Operations If Actual Available; Claim Additional Time
Diagnosis Or Labor Performed As Actual Time

DEALER CODING

CONDITION BASIC PART NO. CODE 9F955 33

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.

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