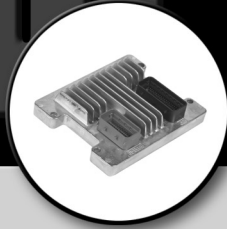


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2005-06 Ford Escape/Mercury Mariner ECM Problem

Application:

78-1044F for 2005-2006 Ford Escape and Mercury Mariner 2WD 3.0L

Problem:

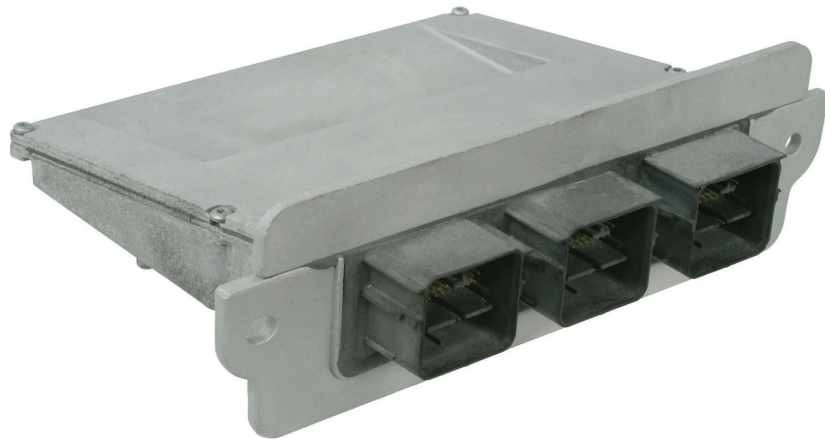
Mis-fire, poor engine performance. Setting fault codes for coil-on-plug (COP) or Powertrain Control Module (PCM). No change in performance after replacing components or repeated failure of replacement components.

Cause:

Radio Frequency (RF) from spark plugs may cause damage to the COP's and PCM.

Solution:

Before installing and operating a replacement Powertrain Control Module (PCM), please refer to Ford Technical Service Bulletin (TSB) 10-18-10. Ford warns that radio frequency (RF) interference from the spark plugs may have led to failure of one or more coil-on-plug (COP) ignition coils and the original PCM. All COP ignition coils must be replaced, as specified in the TSB, to prevent damage to the replacement PCM. Replacement COP's are redesigned with additional RF suppression.

**Note:**

This ProTech bulletin is supplied as technical information only and is not an authorization for repair.

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