



NAPA Tech TIPS

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2005-06 Ford Escape/Mercury Mariner ECM Problem

Application:

XTP-81044F 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:

Excessive RF output from the original design Coil-On-Plug (COP) units damages the PCM.

Solution:

Before installing and operating the 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. Superseded Ford TSB 09-2-6 required spark plug replacement. The replacement COP referenced in the new TSB was redesigned with additional RF suppression, eliminating the need to change plugs while also protecting PCM.



Note:

Please refer to your vehicle's service manual and the specified TSB for detailed diagnostic instructions. This instruction is supplied as technical information only and is not an authorization for repair.