MERCURY MerCruiser

Service Bulletin

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Circulate to: ☐ Sales Manager ☐ Accounting ☑ Service Manager ☑ Technician ☑ Parts Manager

MerCruiser MPI Engines Now Equipped With Low-Permeation Fuel Lines

Models Affected

MPI Engines with the serial numbers listed are produced with low-permeation fuel lines.

Models Covered	Serial Number Or Year
All 4.3, 5.0 MPI Sterndrive models	1A343328 and above
All 350, 377 MPI Sterndrive models	
All 496 MPI Sterndrive models	1A349314 and above
All 5.7, 6.2 MPI inboard models	1A091518 and above
All 8.1 MPI inboard models	1A380206 and above
All Tow Sports 5.7 MPI models	1A091518 and above
All Scorpion 350, 377 MPI models	

Situation

All MerCruiser MPI engines produced after January 1, 2009 are required to have low-permeation flexible fuel lines on the high-pressure side of the fuel system (after the Cool Fuel pump). The flow and pulse characteristics of the low-permeation fuel lines are different from the standard fuel lines and require specific Engine Control Module (ECM) and Propulsion Control Module (PCM) calibrations matched to the new lines. Engines must be kept as originally built. Do not mix the application of the low-permeation fuel lines or the associated ECM or PCM with that of the standard fuel lines or the associated ECM or PCM.

No performance advantage is gained by replacing the standard fuel lines and the associated ECM and PCM calibrations with low-permeation fuel lines and the associated ECM and PCM calibrations. Converting an engine equipped with low-permeation fuel lines and controller calibrations to standard fuel lines and controller calibrations is prohibited.

Ordering Parts

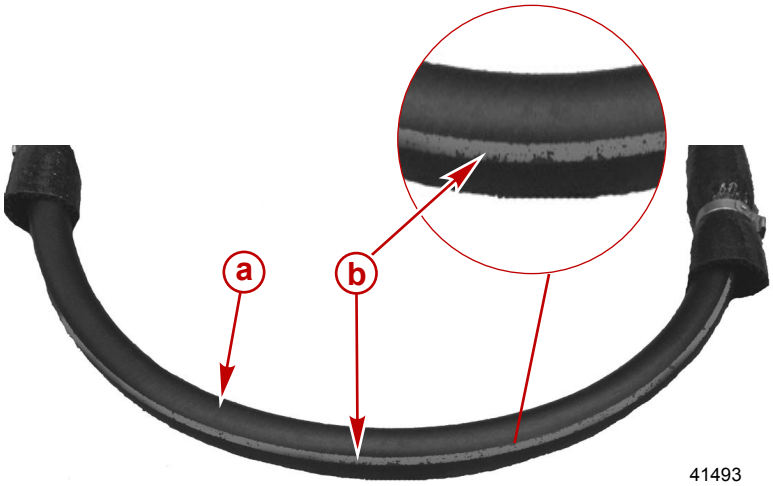
To order replacement fuel lines, ECM, or PCM, use the Electronic Parts Catalog and enter the engine serial number.

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NOTE: *The low-permeation fuel line is identified by a permanent red stripe.*



a - Low-permeation fuel line
b - Permanent red stripe

Warranty

NOTE: *This bulletin provides service information and does not require any action.*

In the event of a warrantable failure, Mercury MerCruiser will pay to repair an engine according to its original configuration. Both styles of fuel lines and controllers will remain available.

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