

P0170 - P0174: Testing and Inspection

P0172

For diagnosis of code P0172, refer to chart:

P0172 - System Too Rich (Bank 1)	
Description:	The adaptive fuel strategy continuously monitors the fuel delivery hardware. The test fails when the adaptive fuel tables reach a rich calibrated limit. Refer to Description and Operation, Powertrain Control Software Fuel Trim for more information.
Possible Causes:	Fuel System: <ul style="list-style-type: none"> • Damaged or leaking fuel pulse damper • Leaking fuel injectors • Fuel return line restricted • Fuel rail pressure sensor bias • EVAP canister purge valve is leaking when the canister is full Base engine: <ul style="list-style-type: none"> • Engine oil contamination Air Measurement System: <ul style="list-style-type: none"> • Damaged or contaminated mass air flow (MAF) sensor
(Continued)	

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P0172 - System Too Rich (Bank 1)			
Diagnostic Aids: View freeze frame data to determine the operating conditions when the DTC was set. Observe the LONGFT1 and LONGFT2 PIDs. Refer to Diagnostic Methods, Adaptive Fuel DTC Diagnostic Techniques for more information.			
Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	—	—	GO to Pinpoint Test H.

P0172

If there is no link in the chart then:

- This code is not a valid code for this vehicle
- Or information published by the manufacturer for this vehicle did not include this code
- Or ALLDATA has not added the information for this code yet

For complete diagnosis of the system, follow this link: See: Powertrain Management/Computers and Control Systems/Testing and Inspection